Product Overview

SHARP / NEC

Product Overview

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Sharp NEC Display Solutions brings together and integrates technology and expertise to create the ICT-enabled society of tomorrow.

A LASTING VISION

Quality - Service - Sustainability

What's distinctive about this product overview, is that it encompasses every display technology – LCD, dvLED and Projection. Sharp/NEC offers the widest display portfolio available today, backed by industry-leading service and support. This unique advantage means that our customers will experience the perfect-fit solution for their specific needs, assured that it will give them long-life, fit-for-purpose performance.

Built using high quality components and Japanese engineering standards, Sharp/NEC products and solutions are trusted for long-lasting reliability. This commitment to quality underpins our sustainable management where, through our repair and refurbishment programs, we extend the long lifecycle of our products even further, reducing waste and adding value.

Through our relationship with end users, and our expertise across industry sectors, we bring to market the solutions that our customers genuinely need. Innovations such as our super silent projection technology, for example, are a direct result of our market awareness and agile response. We take this further through our partnerships with expert solutions providers to bring our customers the solutions which deliver maximum choice and flexibility. Certification from Microsoft, Creston, and Cisco, for example, guarantees that our products are compatible and will deliver exceptional user experiences.

Through two established brands, our enduring heritage makes Sharp/NEC a trusted advisor when it comes to AV solutions and services. Partner with us and experience products, solutions and services that last – a lasting vision.

The Sharp/NEC Difference

From award-winning image quality,
to world-leading reliability:

The Sharp/NEC Difference.

Find out why partnering with us
puts you in safe hands.

1 A Name to Trust

An industry leading reputation for quality and reliability, providing mission critical performance to the world's leading names.

- 228 airports use Sharp/NEC Displays
- 2.9M Large Format Displays shipped worldwide
- 5M+ Projectors delivered
- 30% of European cinemas use NEC DCI Projectors

2 Innovation is in our DNA

Pioneering technology developments which address genuine customer needs.

- First EMC Class B certified LED installation
- Filter-free, sealed engine projection for zero maintenance
- Open Modular Intelligence (OMi) computing
- Award-winning super-silent projection

3 Unrivalled Quality

Longer lifecycles and lower operational costs.

- Innovative Japanese design, with professional components, ready for the most challenging applications
- Safe for use in public spaces with metal chassis for increased thermal protection and product longevity
- Superior award-winning image quality, increased contrast, uniformity and colour accuracy
- Choosing poor quality can lead to greater downtime, loss of revenue and damage to your brand

4 World's Widest Display Portfolio

We deliver perfect-fit solutions from the widest portfolio.

- Indoor and outdoor LCD and dvLED
- Engaging interactive and collaborative solutions
- Versatile Projection solutions
- Productivity-focused Desktop Displays
- Modular Computing / Software options

5 Unique Service

An unrivalled Service Partner network and support infrastructure.

serviceplus

- Sharp/NEC serviceplus, guaranteed performance for the entire lifecycle
- 41 country, pan-European service infrastructure
- Global, European or local, tailored service level options
- Transparent, expandable warranties and value-added services

6 Global Customer Program

Supporting our international clients, a dedicated customer support program with a single point of contact.

- Centralised purchasing, global pricing and commercial terms
- Joint product strategy development
- Global standards for common aesthetics and user experience
- Pan-global network of peers and partners

7 Application Specialist

With specialist expertise in all sectors, we understand your unique needs and how people engage with you.

- Digital signage across corporate, education, retail, transport and hospitality sectors
- Meeting room, classroom, conferencing and personal workspace productivity
- Large venue presentation in corporate, education and leisure environments
- Control room, surveillance and monitoring

8 Partnerships & Alliances

Sharp/NEC nurtures industry alliances to deliver the best customer offering, maintaining choice and flexibility.

CISCO

CRESTRON

- Cisco Meeting Room compatibility
- Crestron compatibility for AVoIP

9 The Smallest things that Matter the Most

97.4%

Committed to supporting a climate-neutral future.

- Large format displays, at 97.4%, are almost entirely recyclable
- Longer lifecycles reduce waste
- Repair and refurbishment programs
- Minimize energy consumption
- Optimised shipping & recyclable packaging

Direct view LED

Indoor and outdoor LED modules scale up to create attention grabbing walls of intensely vivid images for the brightest environments, available in a range of pixel pitches for up-close or long-distance viewing.
High quality precision engineered components configure to create a single homogenous digital canvas, purpose-designed for easy maintenance and long-life performance.

Indoor LED
0.9mm to 3.9mm

Outdoor LED
2.8mm to 4.8mm

Extended Warranty Programs *

dvLED

E Series Bundles	Entry level visualisation in ready-to-go size and pixel options
FE-E Series	Mainstream scalable visualisation with cost and eco savings
FE Series	Flexible visualisation at the perfect price performance level
FE Series Bundles	Standard resolution bundles for signage and conferencing
FA Series	High class components and full redundancy for mission critical applications
FA Series Bundles	Fully redundant standard resolution bundles for mission critical applications
FC Series	Super efficient fine pitch modules with best-in-class visual performance
FC Series Bundles	State-of-the-art performance bundles for comfortable up-close viewing of detailed content
Q Series	Square modules for indoor and outdoor signage applications
B Series	Modules with EMC Class B certification for sizes of up 40m²

* On selected models

E Series Bundles | Indoor FinePitch LED Bundles

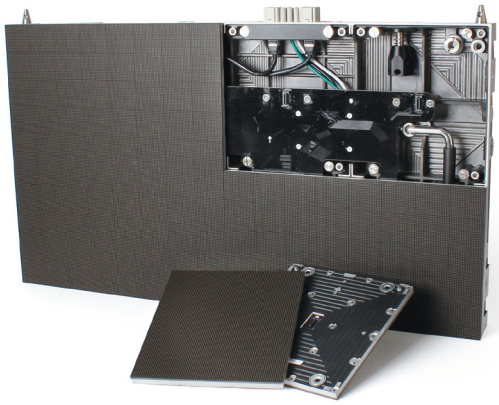
For budget sensitive deployments, the E Series brings all the advantages of fine-pitch LED yet in an all-in-one bundle in three size and pixel pitch options. The slim, elegant design plus the robustness and safety of the metal chassis make it the perfect choice for corporate meeting room scenarios as well as most signage applications in public spaces.

108" to 217"

E Series Bundles

FE-E Series | Indoor FinePitch LED Modules

Where installations demand a cost efficient solution without compromising on functionality and quality, the FE-E Series pixel card options offer great value for the money. Three pixel pitch options provide ample flexibility to achieve scalable large surface digitisation for signage and presentation applications.

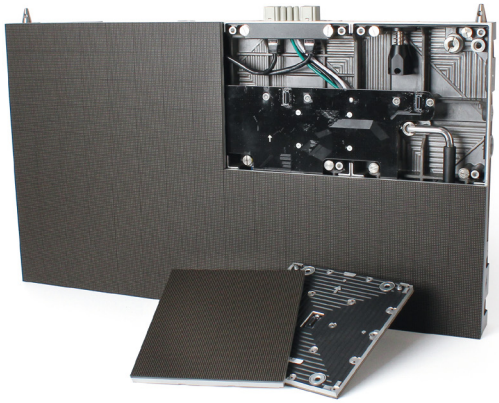


1.2mm to 1.9mm

FE-E Series

FE Series | Indoor FinePitch LED Modules & Bundles

Scalable, fine-pitch visualisation for indoor bezel-free large surfaces, the FE Series offers 0.9mm to 3.8mm pixel pitch options to suit usage and budget parameters. Excellent viewing angles, consistent reality-like colours, superb brightness and long lasting performance for conferencing and signage applications.



0.95mm to 3.8mm

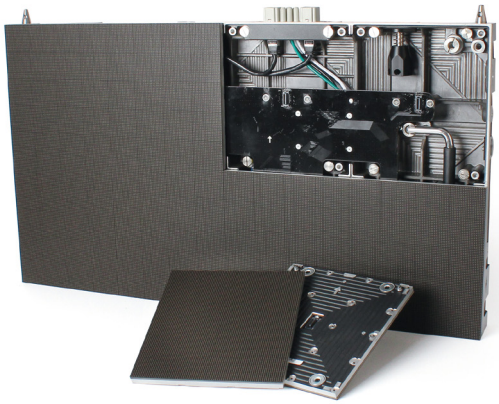
FE Series

104" to 220"

FE Series Bundles

FA Series | Indoor FinePitch LED Modules & Bundles

All Sharp/NEC LED products are meticulously designed and built for reliable long lasting performance; the FA Series features additional fail-safe qualities with redundant power supply and receiver card ensuring mission-critical performance standards. Select your pixel pitch according to room size and viewing distance parameters.



0.95mm to 3.8mm

FA Series

110" to 220"

FA Series Bundles

FC Series | Indoor FinePitch LED Modules & Bundles

Best-in-class visual performance and increased robustness with energy efficient CoB dvLED technology delivering extreme contrast with deep black levels. Suitable for indoor public spaces or for applications demanding a high performance level.

0.9mm to 1.5mm

FC Series

110" to 220"

FC Series Bundles

Q Series | Indoor and Outdoor Signage

Versatile and customisable, the light weight, slim profile, 1:1 aspect ratio modules configure to maximise the given space and generate extraordinary visual experiences. High brightness levels, along with wide viewing angles and unrivalled contrast ratios make the Q Series shine out even in the brightest environments.

Indoor: 2.8mm to 3.9mm
Outdoor: 2.8mm to 4.8mm

Q Series

B Series | Indoor EMC Class B LED Modules

For busy public spaces especially airport terminals it is vital to limit electromagnetic interference which can compromise WiFi connections and even air traffic control operations. The NEC B Series is fully compliant to EMC Class B, causing no interference up to 40m2. The versatile 1:1 modules deliver 1000cd/m2 brightness.

3.9mm

B Series

Performance

Mainstream 16:9

E SERIES
ESSENTIAL
1.2mm - 1.8mm
Up to 800 cd/m²

FE-E SERIES
FINE-PITCH ENTERPRISE-ECO
1.2mm - 1.9mm
Up to 600 cd/m²

Professional 16:9

FE SERIES
FINE-PITCH ENTERPRISE
0.9mm - 3.8mm
Up to 1,000 cd/m²

FA* SERIES
FINE-PITCH ADVANCED
0.9mm - 3.8mm
Up to 1,200 cd/m²

FC SERIES
FINE PITCH COB
0.9mm - 1.5mm
Up to 800 cd/m²

Professional 1:1

Q SERIES
SQUARE
2.8mm - 4.8mm
Up to 5,000 cd/m²
Indoor/Outdoor

B SERIES
EMC CLASS B
2.5mm - 3.9mm
Up to 1,000 cd/m²

Price

*FA SuperBlack Pixel Card Option available

Large Format Displays

Large Format Displays (LFD) are an indispensable part of digital signage, as well as for presentations and interactive meeting room applications. Sharp/NEC stands for a safe investment secured by high quality components and design, plus high operational safety. With a broad choice of LFD ranges and numerous customisation options, Sharp/NEC delivers tailor-made display solutions.

Extended Warranty Programs

NaViSet Administrator 2

Essential Displays

E Series	Cost-efficient signage for essential demands at a low TCO

Midrange Displays

ME Series	Essential professional features for entry level usage
C Series	Seamless integration with the slimmest NEC large format displays
V Series	Price performance champion for flexible and reliable signage
M Series	Enhanced performance for demanding mainstream applications
MA Series	Advanced performance for high-end or mission-critical environments

Professional Displays

P Series	The definition of digital signage, supporting the highest demands

Signage Solutions

BrightSign Bundles	C & V Series display with Brightsign OPS digital signage media player
NEC MediaPlayer Bundles	Modular SoC MediaPlayer for intuitive plug-and-play digital signage

Video Wall Displays

UN Series	Modular and scalable, ultra-narrow bezel displays

High Brightness Displays

HB Series	Highest reliability and redundancy for mission-critical operation

Stretched Signage Displays

BT Series	Designed to meet the demands of the most space conscious digital signage applications

E Series | Essential Displays

Enter the world of digital signage with NEC's prosumer displays. Designed to bring NEC's heritage of performance and quality to cost-conscious yet demanding customers, the E Series perfectly suits basic signage applications. Operating standalone via an integrated Media Player, signage starts automatically with the embedded auto-start function.

32" to 86"

E Series

16/7 CERTIFIED OPERATION

4K UHD On selected models only

ME Series | Midrange Displays

With commercial-grade components, professional feature-set and Sharp/NEC reliability, the low-cost ME Series means no one need be tempted to employ domestic TVs which are not fit for purpose. Primed with an integrated USB MediaPlayer, you're out-of-the-box ready for impactful content playback.

43" to 65"

ME Series

AirServer

18/7 CERTIFIED OPERATION

4K UHD

C & V Series | Midrange Displays

Present impactful advertising, entertainment and information with Sharp/NEC's reliable display solutions, achieving the lowest operational investment. The slim design with small bezel styling perfectly complements modern surroundings whilst multiple display inputs and the smart connection of computing sources, power impressive signage applications.

75" to 98"

C Series
V Series

24/7 CERTIFIED OPERATION

4K UHD On selected models only

SpectraView* engine

M Series | Midrange Displays

Featuring scalable computing power, the M Series is customisable to meet your needs today and tomorrow for exceptional visual experiences in the meeting room or for delivering real-time media playback in demanding signage applications. The high haze panel means no distracting reflections.

32" to 86"

M Series

AirServer

24/7 CERTIFIED OPERATION

4K UHD

* on selected models

MA Series | Midrange Displays

When true-to-life colour rendition is essential, the MA Series' advanced feature set delivers calibrated precision, without compromise. For specialist applications the wide colour gamut panel, SpectraView engine technology, and 8K signal processing positions the MA series at the high end of professional content delivery.

43" to 55"

MA Series

24/7 CERTIFIED OPERATION | 4K UHD | SpectraView engine

P Series | Professional Displays

Setting the standard for professional digital signage and information distribution applications, the P Series meets the highest demands for colour reproduction with operational safety and durability appropriate even for mission critical applications. The modular and scalable platform secures a futureproof investment - Digital Signage has never been so persuasive.

43" to 75"

P Series

24/7 CERTIFIED OPERATION | 4K UHD On selected models only | SpectraView engine

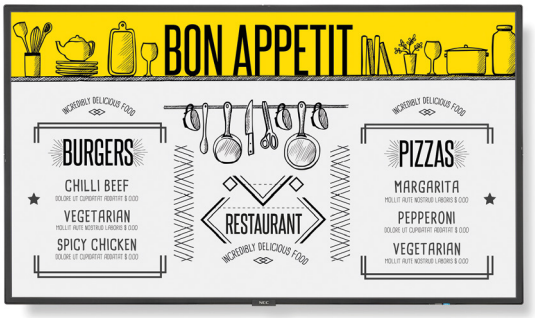
BrightSign Bundles | Digital Signage Solutions

In collaboration with industry-leader BrightSign, our digital signage bundles include an OPS digital signage media player, fully integrated into the full range of NEC V Series large format displays providing 500cd/m2 brightness and anti-glare surface for a neat and seamless all-in-one solution.

75" to 98"

V Series-BS

24/7 CERTIFIED OPERATION | 4K UHD On selected models only | SpectraView engine



BrightSign

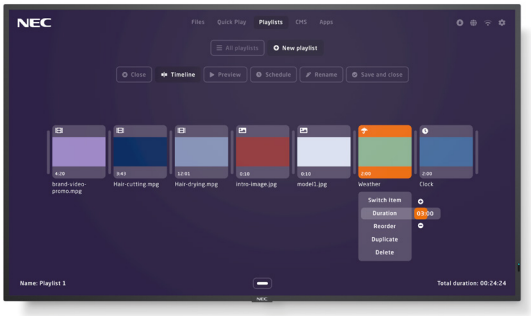
NEC MediaPlayer Bundles | Digital Signage Solutions

Pre-installed FOC on the NEC RasperryPi Compute module, the NEC MediaPlayer offers a future-proof customisable solution. Seamlessly embedded into the majority of NEC's large format displays, this digital signage bundle is primed and ready for intuitive professional content playback.

43" to 65"

24/7* CERTIFIED OPERATION | 4K UHD On selected models only | SpectraView engine*

ME, M, MA, P Series-MPi4



* on selected models

Adaptable, scalable and modular, Sharp/NEC video wall solutions offer unlimited creativity in delivering a seamless viewing experience. Responding to all high quality demands such as 24/7 operation, centralised control, colour accuracy and uniformity; the Sharp/NEC offering also includes pre-configuration and mounting solutions, content management and after sales support.

55"

UN Series

24/7 CERTIFIED OPERATION

1080P FULLHD IMAGE

SpectraView™ engine

	16/7	18/7	18/7	24/7			
Performance	Essential		Midrange			High End		Special	
	E SERIES	E SERIES	ME SERIES	M SERIES	MA SERIES	P SERIES	C/V/P SERIES	UN SERIES	BT SERIES
	ESSENTIAL	ESSENTIAL	MESSAGE ESSENTIAL	MESSAGE	MESSAGE ADVANCED	PROFESSIONAL	LARGE SIZES	VIDEOWALL	STRETCHED
	32" - 65" 350 cd/m²	75" - 85" 350 cd/m²	43" - 65" 400 cd/m²	43" - 65" 500 cd/m²	43" - 55" 500 cd/m²	43" - 55" 700 cd/m²	75", 86", 98" 350 - 700 cd/m²	55" 500 - 700 cd/m²	42" 700 cd/m²

Price

Protective Glass Displays

32" to 65"

Protective Glass

Protective Glass Displays

Ensuring operational safety even under the toughest conditions, NEC Protective Glass screens deliver superb readability and image clarity whilst protecting your investment. An upgrade path available on many NEC display series, Protective Glass is advisable for signage applications in public spaces protecting against vandalism and accidental damage.

Extended Warranty Programs

NaViSet Administrator 2

24/7 CERTIFIED OPERATION

4K UHD On selected models only

Interactive Displays

Intuitive touch engagement attracts and stimulates for a pleasing and more satisfying user experience. Collaboration in meeting rooms, interactive video walls and signage, wayfinding and POS/POI - Sharp/NEC's comprehensive range of interactive large format displays offer the technology appropriate for varied applications ensuring the best fit touch solution for your needs.

Extended Warranty Programs

NaViSet Administrator 2

Infrared Touch Displays

ME Series IR-2	Reliable touch performance for budget-driven usage

PCAP Touch Displays

M Series PCAP	Superior touch performance for demanding environments

InGlass™ Touch Displays

M Series IGB	Enjoy the most natural writing experience supporting palm rejection and Windows Ink

Du-Co Room System

M Series IGB	Dual-Screen Room System for creative and interactive hybrid meetings

Entry Collaboration Displays

LC Series	Boost engagement in learning environments due to pre-installed applications and tools

Midrange Collaboration Displays

LB Series	The perfect choice for busy office environments, boardrooms, meeting rooms and training sessions

Windows Collaboration Displays

WCD Series	Teams certified all-in-one collaboration display supporting BYOM scenarios

ME Series IR | Infrared Touch Displays

Offering a professional feature set and Sharp/NEC reliability, yet at a very attractive price point, the ME series with infrared touch delivers a satisfying user experience with a fast and precise touch response. Lower budget business operators benefit from upgradable interactive digital signage without requiring specialist expertise.

43" to 55"

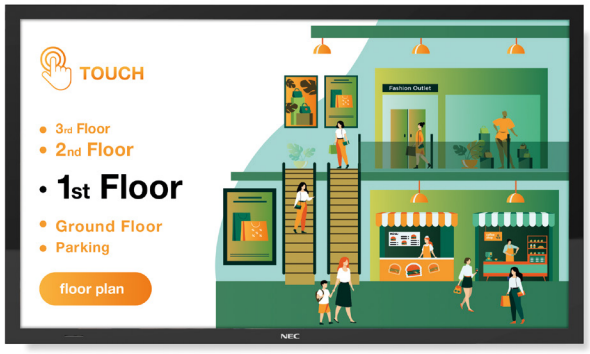
ME Series IR

M Series PCAP | PCAP Touch Displays

Great first impressions can make all the difference; presenting your business in the best possible way will boost your brand. With a modern, bezel-free styling, 24/7 operation and reduced reflections when ambient light is high, the M series PCAP touch engages audiences and facilitates collaboration.

43" to 65"

M Series PCAP



M Series IGB | InGlass™ Touch Displays

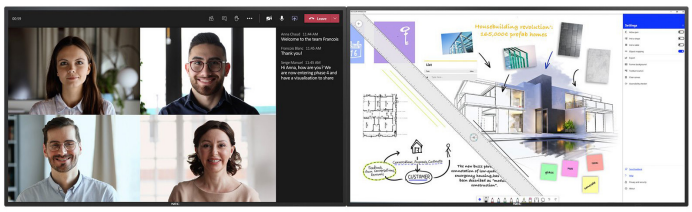
The InGlass™ touch displays with responsive passive pen bring superior paper-like writing with minimal latency. High brightness levels ensure excellent readability and image reproduction even in today's typically bright meeting spaces where maintaining a motivational environment is paramount.

55" to 86"

M Series IGB

Du-Co Room System | Dual Collaboration

The NEC Dual-Screen Room System combines two displays, an interactive NEC MultiSync® M Series IGB display and an identically designed non-interactive MultiSync® M Series, into a comprehensive user-friendly system. It is ideally suited for VC room solutions, like Zoom Room and Teams Room systems. With a sleek and elegant design, the display solution seamlessly fits into modern office spaces.



55" to 75"

M Series IGB

M Series IGB non-touch

Sharp LC Series | Entry Collaboration Displays

An all-in-one solution, the LC Series features pre-installed functionality for instant interactivity, and with the EShare feature, content can be wirelessly shared between devices for best collaboration and boosted engagement amongst peers and mentors in learning environments.

65" to 86"

LC Series

16/7 CERTIFIED OPERATION

4K UHD

Sharp LB Series | Midrange Collaboration Displays

The LB range of smart interactive displays combines genuine '4K reading and writing' and an intuitive 'Pen-on-Paper' user experience with Zero Bonding and Sharp's PrecisionTouch technology. It is the perfect choice for busy office environments, boardrooms, meeting rooms and training sessions that require quick responsive operation and smart integrated collaboration tools.

65" to 86"

LB Series

16/7 CERTIFIED OPERATION

4K UHD

WCD Series | Windows Collaboration Displays

For frictionless meeting experiences, with instant access whether in-room or remote, NEC's WD551 and Sharp CD701 are all-in-one smart solutions for modern meeting spaces. Users simply connect their own device via the secure USB-C cable to immediately share content and start video meetings using already familiar tools.

55" & 70"

WCD Series

Collaboration display

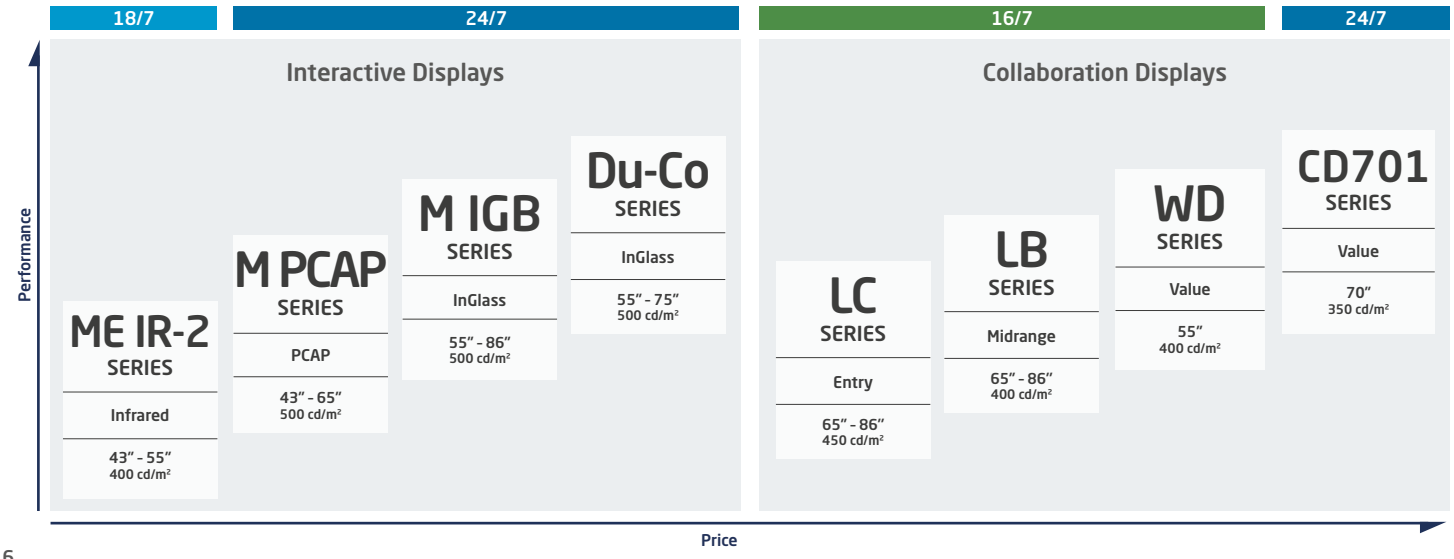
Certified for Microsoft Teams

Microsoft Azure Certified Device

16/7 CERTIFIED OPERATION

24/7 CERTIFIED OPERATION

4K UHD



Modular Computing

Sharp/NEC's Modular Computing platform provides a smart and seamless connection between source and display to deliver powerful, tailored and future proof digital signage and presentations. Simplifying device installation, usage, maintenance and upgrade, the integrated slot-in options feature a customizable selection of computing power and signal distribution.

Intel® Smart Display Module (Intel®SDM)

A natural evolution from the previously used OPS (Open Pluggable Specification) interface, Sharp/NEC has adopted the new, fully future-proof Intel® Smart Display Module. Delivering the same level of intelligence and interoperability, but in a smaller form factor and with no housing, the small and large size Intel®SDM modules seamlessly integrate into the latest generation of NEC Large Format Displays. Supporting higher resolutions and higher bandwidth, the Intel®SDM architecture supports even greater performance levels and superb reality-like content playback.

Slot-in Computing Solutions

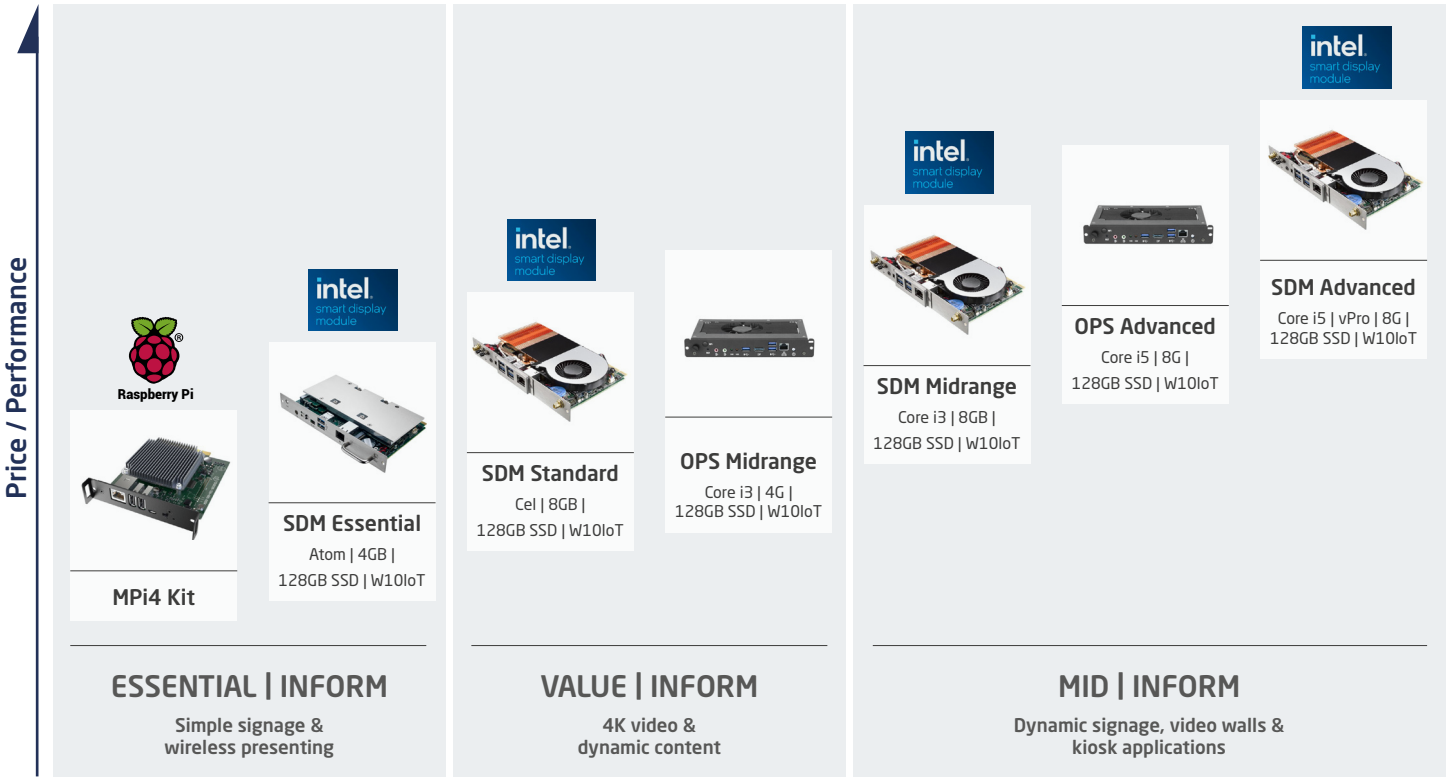
Upgrade the power of your displays at any time with a wide selection of slot-in computing solutions. Pre-installed on the Raspberry Pi Compute Module 4, with the modular MPi4 NEC MediaPlayer Kit, it has never been easier to create intuitive signage content straight out of the box. For more demanding applications, select your perfect match CPU performance level from our range of Intel®SDM computing devices.

Fully embedded media players make digital signage simpler and more flexible without the need for additional cables or devices, whilst external players limit use to just one source for all displays on a network.

Slot-in Interfaces

Open modular slot-in options from Sharp/NEC offer an interchangeable selection of solutions including computing technology, media playback and signal distribution (eg AVoverIP) for unlimited versatility. Application usage can be extended through the integration of connectivity standards such as HDBaseT or SDI, widening the performance level of the display. The embedded solution enables the displays to be enhanced to a custom-made solution which matches the specific demands of any application. Should future demands change, the integrated module can be upgraded or re-configured accordingly without having to replace the display.

Typical Processor requirements for differing performance levels.



Slot-In Options | Compatibility

Sharp NEC Display Solutions offers the following certified compute options:

The **MPi4 NEC MediaPlayer Kit** offers a cost-effective solution for signage displays in retail environments, passenger information and quick service menu boards, with access to one of our many CMS partners for more complex playlists.

The **Standard Intel®SDM Slot-in PC** offers a low-cost solution for digital signage in retail or corporate applications, passenger information and menu boards.

The **Midrange Intel®SDM slot-in PC** Core i3 delivers crisp 4K UHD playback for flight and passenger information, retail and corporate signage as well as interactive and kiosk applications.

The **Advanced Intel®SDM slot-in PC** Core i5 supports the most demanding high resolution or resource hungry interactive signage applications, video walls and more complex intelligent signage installations.

The **Enterprise Intel®SDM Slot-in PC** Core i5 meets all requirements for demanding corporate meeting room applications such as video conferencing, interactive whiteboards and collaborative use cases.

Desktop Displays

With a comprehensive range of Display Solutions, Sharp/NEC offers a desktop display for almost any requirement. From cost-conscious to mission-critical, Sharp/NEC's performance-oriented displays combine attractive lifestyle designs with health conscious ergonomics for corporate office, finance, control-room, small signage, creative and publishing applications.

Commercial Enterprise

E Series	Future proof displays for the performance-oriented workplace
EA Series	For the advanced ergonomic and high performance-oriented workplace
EX Series	Speciality displays for demanding workplaces in dedicated environments

Extended Warranty Programs

ECO MODE

E | EA Series | Commercial Enterprise

Performance-oriented displays with an attractive lifestyle design ideal for corporate users. High image quality and improved connectivity with advanced ergonomics to protect the well-being of the user; these displays, with their modern ultra-thin bezel design, have all the credentials today that will be demanded tomorrow.

17″ to 27″
E Series

23″ to 27″
EA Series

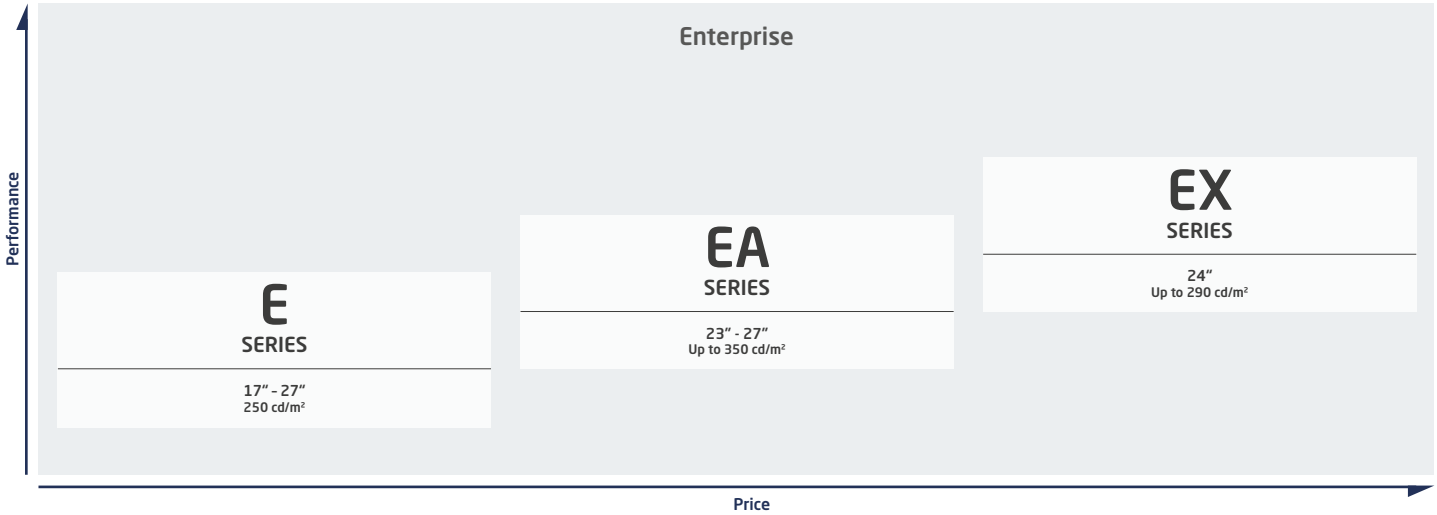
NaViSet Administrator 2

EX Series | Commercial Speciality

The ‘Extra’ Series of desktop displays offers extraordinary functionality to meet the speciality needs of niche usage scenarios. Curved displays for ultimate immersive ergonomic viewing and ultra-narrow bezel designs for efficient multi-display setups in trading or dispatching applications as well as for small and creative digital signage installations.

24″
EX Series

NaViSet Administrator 2



Projectors

With scalable bezel-free image sizing, projection is the most flexible of display solutions providing creative opportunities to inform, present and impress. Offering many advantages where flat screen displays are unsuitable, Sharp/NEC offers a wide range of technologies and brightness levels to perfectly meet the needs of numerous and varied applications.

Extended Warranty Programs

Desktop Projectors

ME Series	Light-weight yet powerfully bright portable projection

Professional Projectors

PE-P Series	Professional installation balancing price with impressive performance
PV Series	Professional Value Installation+ and wide lens selection

Installation Projectors

PA Series	Ready for large venue installations requiring great visual performance
PX Series	Maximum flexibility and extraordinary brightness for large venues
PH Series	For demanding large venue setups and uncompromising visualisation

Desktop Projectors

Adaptable, professional projectors for mobile or mounted usage, Sharp/NEC's desktop projection range delivers good brightness capacities and long lamp and filter life to ensure a compellingly low total cost of ownership (TCO). Let your presentation shine bright and vivid with the confidence that your investment is secure.

3800 to 4000 Lumen*

ME Series

NaViSet Administrator 2

Professional Projectors

With high brightness levels and professional features, this series delivers affordable large-screen projection performance. Enjoy peace of mind with future proof connectivity and a low total cost of ownership (TCO). Deliver impressive high impact presentations, further enhanced by our super-silent laser models for no noise disturbance during meetings.

5200 to 8000 Lumen*

PE Series

P Series

PV Series

NaViSet Administrator 2

Installation Projectors

For demanding professional setups, Sharp/NEC's installation projector ranges provide 24/7 operation, low TCOs driven by low maintenance filter-free design and long-lasting 20,000 h laser light technology, latest interface technologies and highest installation flexibility. With premium class picture quality these projection solutions offer a compelling proposition.

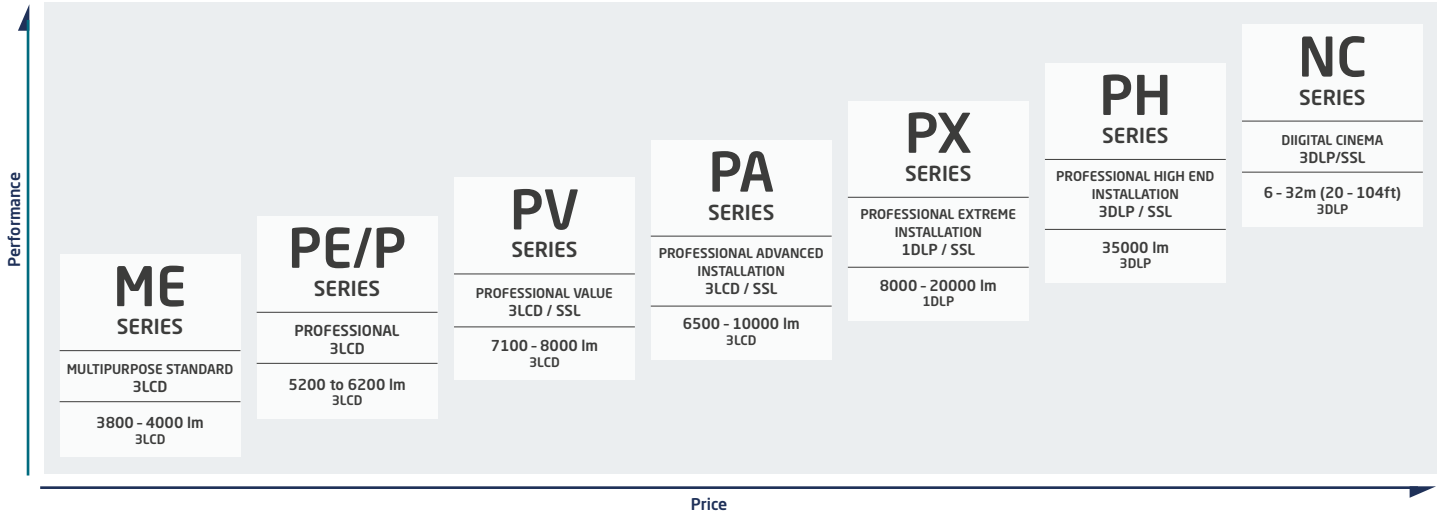
6500 to 40000 Lumen*

PA Series

PX Series

PH Series

NaViSet Administrator 2



* Conforming to ISO 21118

Digital Cinema Projectors

Deliver a blockbuster experience satisfying the highest expectations of today's cinema-goers. A leading name in Digital Cinema projection, Sharp/NEC's modular customizable solutions can be configured to suit whatever size and format of venue to maximize revenue generation. Breath-taking, pin sharp images with precise colour reproduction plus easy operation makes Sharp/NEC the ideal solution for theatres and art houses.

For more detailed information please visit:
www.digital-cinema-nec.com

NC Series | Digital Cinema

	NC1000C	NC1202L	NC1402L	NC1700L	NC2041L
Order Code	60004093	60005042	60005041	60004088	60004090
DMD	DC Chip DLP Technology	DC Chip DLP Technology	DC Chip DLP Technology	DC Chip DLP Technology	DC Chip DLP Technology
Screen Sizes (m)	up to 10.6	up to 12	up to 14	up to 17	up to 20
Light Source	400 W x 2 NSH Lamps	Laser Phosphor	Laser Phosphor	RB Laser	RB Laser
Contrast Ratio (full on/off)	> 1600:1	> 1600:1	> 1600:1	> 1750:1	> 2000:1
DMD Specifications	2K, 0.69" DC2K	2K, 0.69'' DC2K	2K, 0.69'' DC2K	2K, 0.69" DC2K	4K, 1.38" DC4K
Primary Lenses	1.2 to 1.72:1 zoom; 1.33 to 2.1:1 zoom; 1.62 to 2.7:1 zoom; 2.09 to 3.9:1 zoom; 4.07 to 6.34:1 zoom	1.2 to 1.72:1 zoom; 1.33 to 2.1:1 zoom; 1.62 to 2.7:1 zoom; 2.09 to 3.9:1 zoom; 4.07 to 6.34:1 zoom	1.2 to 1.72:1 zoom; 1.33 to 2.1:1 zoom; 1.62 to 2.7:1 zoom; 2.09 to 3.9:1 zoom; 4.07 to 6.34:1 zoom	1.2 to 1.72:1 zoom; 1.33 to 2.1:1 zoom; 1.62 to 2.7:1 zoom; 2.09 to 3.9:1 zoom; 4.07 to 6.34:1 zoom	1.13 to 1.66:1 zoom; 1.3 to 1.85:1 zoom; 1.45 to 2.17:1 zoom; 1.63 to 2.71:1 zoom; 1.95 to 3.26:1 zoom; 2.71 to 3.89:1 zoom
Dimension (W x H x D) [mm]	621 x 314 x 798	700 x 288 x 812	700 x 288 x 812	700 x 326 x 930	697 x 455 x 1180
Cooling Method	No Air Duct	Liquid: Air and liquid cooling inside	Liquid: Air and liquid cooling inside	Circulating air cooling system, external chiller	Liquid Cooling inside

	NC1803ML	NC2003ML	NC2403ML	NC1843ML	NC2043ML	NC2443ML	NC3541L	NC3540LS
Order Code	40001312	40001313	40001314	40001394	40001393	40001392	60004089	60004087
Components	Projector Head NP-02HD Laser Light Source NP-18LU03	Projector Head NP-02HD Laser Light Source NP-20LU03	Projector Head NP-02HD Laser Light Source NP-24LU03	Projector Head; NP-42HD; Laser Light Source; NP18LU03	Projector Head; NP-42HD; Laser Light Source; NP20LU03	Projector Head; NP-42HD; Laser Light Source; NP24LU03	-	-
DMD	DC Chip DLP Technology		DC Chip DLP Technology		DC Chip DLP Technology		DC Chip DLP Technology	
Screen Sizes (m)	up to 19	up to 20	up to 22	up to 19	up to 20	up to 22	up to 32	up to 28
Light Source	Laser Phosphor	RB Laser	RB Laser	Laser Phosphor	RB Laser	RB Laser	RB Laser	RGB Laser
Contrast Ratio (full on/off)	> 2000:1	> 2000:1	> 2000:1	> 2000:1	> 2000:1	> 2000:1	> 2000:1	> 2000:1
DMD Specifications	Chip: 0.98" DC2K	Chip: 0.98" DC2K	Chip: 0.98" DC2K	Chip: 0.98" TRP 4K DLP	Chip: 0.98" TRP 4K DLP	Chip: 0.98" TRP 4K DLP	4K, 1.38" DC4K	4K, 1.38" DC4K
Primary Lenses	1.2 to 1.81:1 zoom; 1.4 to 2.05:1 zoom; 1.59 to 2.53: 1 zoom; 1.9 to 3.25: 1 zoom; 2.4 to 3.9: 1 zoom; 3.9 to 6.52: 1 zoom	1.2 to 1.81:1 zoom; 1.4 to 2.05:1 zoom; 1.59 to 2.53: 1 zoom; 1.9 to 3.25: 1 zoom; 2.4 to 3.9: 1 zoom; 3.9 to 6.52: 1 zoom	1.2 to 1.81:1 zoom; 1.4 to 2.05:1 zoom; 1.59 to 2.53: 1 zoom; 1.9 to 3.25: 1 zoom; 2.4 to 3.9: 1 zoom; 3.9 to 6.52: 1 zoom	1.59 to 2.53:1 zoom; 2.4 to 3.9:1 zoom; 3.9 to 6.52:1 zoom; 1.9 to 3.25: 1 zoom; 1.4 to 2.05:1 zoom; 1.2 to 1.81:1 zoom	1.59 to 2.53:1 zoom; 2.4 to 3.9:1 zoom; 3.9 to 6.52:1 zoom; 1.9 to 3.25: 1 zoom; 1.4 to 2.05:1 zoom; 1.2 to 1.81:1 zoom	1.59 to 2.53:1 zoom; 2.4 to 3.9:1 zoom; 3.9 to 6.52:1 zoom; 1.9 to 3.25: 1 zoom; 1.4 to 2.05:1 zoom; 1.2 to 1.81:1 zoom	1.13 to 1.66:1 zoom; 1.3 to 1.85:1 zoom; 1.45 to 2.17:1 zoom; 1.63 to 2.71:1 zoom; 1.95 to 3.26:1 zoom; 2.71 to 3.89:1 zoom	1.13 to 1.66:1 zoom; 1.3 to 1.85:1 zoom; 1.44 to 2.16:1 zoom; 1.63 to 2.71:1 zoom; 1.95 to 3.26:1 zoom; 2.71 to 3.89:1 zoom
Dimension (W x H x D) [mm]	697 x 510 x 1337	697 x 510 x 1337	697 x 510 x 1337	697 x 509.5 x 1095	697 x 509.5 x 1095	697 x 510 x 1,095	697 x 455 x 1180	666 x 364 x 737
Cooling Method	Circulating air cooling system; Liquid Cooling inside	Circulating air cooling system; Liquid Cooling inside	Circulating air cooling system; Liquid Cooling inside	Circulating air cooling system; Liquid Cooling inside	Circulating air cooling system; Liquid Cooling inside	Circulating air cooling system; Liquid Cooling inside	Liquid Cooling inside, air cooling with dust-preventing electrostatic filter	Liquid Cooling inside, air cooling with dust-preventing electrostatic filter, external chiller

Software

NaViSet Administrator 2

An essential tool for large estates, the all-in-one NaViSet Administrator 2 software enables IT administrators to remotely manage their network of Sharp/NEC display and projector devices and Windows PCs. In multi-device environments, this system simplifies the handling and control of devices helping to keep maintenance costs low, minimise downtime and ensure the efficient use of resources.

NaviSet Server Edition

Naviset Server Edition (NASE) expands on the extensive device management capabilities of Naviset Administrator 2 by providing enterprise level display management such as: Multi-user support with secured communications and logging, running as an on-premises server with remote access, a browser-based interface aimed at mobile devices for management on the go, REST API support for interfacing with other applications and management systems, and support for secure access to remote devices on other networks via the Internet.

Hiperwall

The IP based video wall content and source management software is the preferred choice for mission critical applications such as control rooms to visualise vast amounts of information from multiple data sources via video walls, projection, large format displays and LED walls. Highest flexibility allows the operator to manipulate and visualise crucial real-time content.

ProAssist

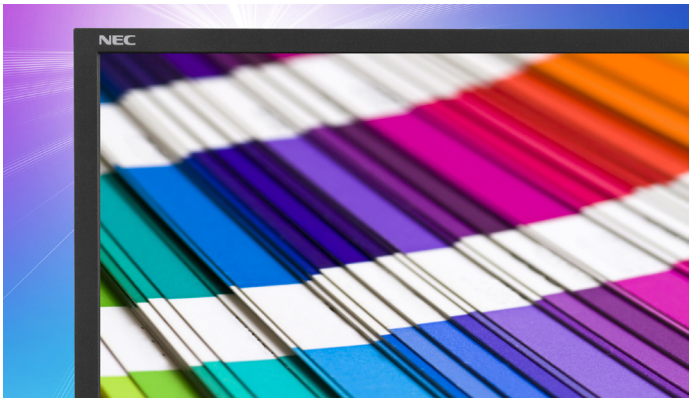
Where projected images appear side-by-side or overlap, even imperceptible misalignments in colour and brightness become jarringly apparent. Making manual adjustments to individual projectors is difficult, yet with ProAssist, each projector is fine-tuned via the network to produce a single homogeneous result.
ProAssist manages the settings for colour uniformity, colour gamma, lens control as well as edge blending in one single application.
The detailed feature support is depending on the projector model.

NEC MediaPlayer

Straight out of the box, this modular SoC MediaPlayer powered by Raspberry Pi provides an intuitive plug & play digital signage solution. Creating and scheduling content for visual experiences in retail, leisure, transport, QSR or for corporate information has never been so simple to manage. Embedded within NEC's OMP signage displays, it drives content to a single display or to multiple displays across a network. Direct access to additional apps such as streaming, HTML5 browser, network storage or other content management systems completes this powerful offering.

SpectraView® II

The Calibration and Profiling applications provide a highly accurate, reliable and repeatable hardware colour management set. Designed for creative professionals using colour-accurate applications, SpectraView II and SpectraView Profiler software is designed for NEC EA Series desktops as well as the NEC large format UHD monitors.



NEC Display Wall Calibrator

Ensuring multiple display configurations deliver impactful viewing experiences, the NEC Display Wall Calibrator software adjusts colours and brightness across an entire video wall. The NEC colorimeter measures all relevant colour characteristics to achieve a perfectly matched result across all screens to ensure uniformity and the impression of one single digital canvas.

FlatFrog Board

FlatFrog Board makes hybrid work easy and equally productive for everyone, wherever you are located. Your remote colleagues can join the meeting room from the laptop, tablet or smartphone using FlatFrog Board personal. The FlatFrog Board whiteboard is always available, just walk up and start using it, grab a pen and start inking.

AirServer

AirServer is the world's leading universal screen monitoring solution providing exceptional compatibility and performance. Compatible with all modern phones, tablets and computers using the technologies built into the device: AirPlay, Google Cast and Miracast. Share the entire screen or cast media from apps with low latency and high quality.

AirServer is a complete wireless presentation solution. No need for apps, cables or dongles to connect.

Service Plus

A commitment to quality

Sharp NEC Display Solutions has built a world-renowned reputation developing Display Solutions that offer the ultimate in quality, performance and longevity. We have become recognised for professional performance and our product philosophy has enabled Sharp/NEC to become a leading name in the Finance, Transportation, Colour, Corporate, Healthcare, Retail, Education and Cinema sectors.

Sharp/NEC Service Plus takes that philosophy further for the entire sales cycle from pre-sales through to the replacement phase. We take the guessing out of installing and managing a Display Solution inventory over a standard or extended lifecycle. Our customers can concentrate on their business activities, confident that their IT infrastructure is underwritten by the serviceplus promise.

For more detailed information please visit:
www.sharpnecdisplays.eu

The Service Plus Offering

- Flexible Warranty Extension Programs for all product categories
- 24/7 for selected displays and projectors
- De-/Re-install service
- Optional additional services for dedicated Sharp/NEC displays and projectors with Support+
- Display your brand and mark your property with our Laser Branding Service for dedictated Sharp/NEC Displays and Projectors
- Prism Refurbishment Programme for Digital Cinema Projectors

serviceplus

E Series Bundles | Indoor FinePitch LED Bundles

FE-E Series | Indoor LED Modules

	E012i-108	E015i-135	E018i-162	E012i-217	E025i-217	FE012i2-E	FE015i2-E	FE019i2-E
Order Code	81000231	81000232	81000233	81000342	81000343	81000224	81000225	81000226
Resolution	1920 x 1080	1920 x 1080	1920 x 1080	3840 x 2160	1920 x 1080	-	-	-
LED Type	SMD (1010)	SMD (1212)	SMD (1415)	SMD (1010)	SMD (2121)	SMD (1010)	SMD (1010)	SMD (1010)
Module Configuration	4 x 4	5 x 5	6 x 6	8 x 8	8 x 8	-	-	-
Pixel Pitch [mm]	1.25	1.563	1.875	1.2	2.5	1.267	1.583	1.9
Brightness (max.) [cd/m²]	600	600	800	600	1000	600	600	600
Lifetime	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours
Contrast Ratio (typ.)	5000:1	4000:1	5000:1	5000:1	7000:1	4000:1	4000:1	4000:1
Viewing Angle [°] hor / ver	170 /160	140 /140	140 /140	170 /160	160 / 155	160 /160	160 /160	160 /160
Colour Processing	16 bit	16 bit	14 bit	16 bit	18 bit	16 bit	16 bit	16 bit
LED Driving Method	1/45 dynamic scan	1/54 dynamic scan	1/60 dynamic scan	1/45 dynamic scan	1/27 dynamic scan	1/27 dynamic scan	1/27 dynamic scan	1/27 dynamic scan
Refresh Rate [Hz]	3840	3840	3840	≤ 3840	≤ 3840	3840	3840	3840
Colour Temperature [K]	3000-9500	3000-9500	3000-9500	3000-9500	3000-9500	3000-9500	3000-9500	3000-9500
Power Typical [W]	944	1000	1944	3776	2560	315	275	275
Dimensions (W x H x D) [mm]	2412 x 1456 x 47	3012 x 1793,5 x 47	3612 x 2131 x 47	4812 x 2806 x 50	4812 x 2806 x 50	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49
Weight [kg]	89.2	134.5	189.2	342.8	342.8	8,8	8,8	8,8
Connectivity via Controller	3G SDI; DVI-D; HDMI; GenLock; LAN			3G SDI; DVI-D; HDMI; GenLock; LAN		-	-	-
Serviceability	Front	Front	Front	Front	Front	Front	Front	Front
IP Level (Front/Rear)	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Certifications	CE, ETL, FCC Class A, RoHS					CE, ETL, FCC Class A, RoHS		
Shipping Content	LED Controller, LED Modules, Overframe Kit, Power Bar, Wall Mount, Spare Parts Kit, Pixel Card Removal Tool					-	-	-
Warranty	2 years (options to extend)					2 years (options to extend)		

FE Series | Indoor FinePitch LED Modules

	FE009i2	FE012i2	FE015i2	FE019i2	FE025i2	FE031i2	FE038i2
Order Code	80000351	80000145	80000146	80000147	80000148	80000149	80000150
Pixel Configuration	4-in-1-IMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)
LED type	IMD (1616)	SMD (1010)	SMD (1010)	SMD (1010)	SMD (1415)	SMD (1415)	SMD (1415)
Resolution per m²	1108033	623269	398892	277008	155817	99723	69252
Number of Pixel per module [dot]	230400	129600	82944	57600	32400	20736	14400
Number of Pixel per card [dot]	28800	16200	10368	7200	8100	2592	1800
Pixel Pitch [mm]	0.95	1.266	1.583	1.9	2.375	2.714	3.8
Brightness (max.) [cd/m²]	600	700	700	700	1000	1000	1000
Lifetime	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours
Contrast Ratio (typ.)	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1
Viewing Angle [°] hor / ver	140 / 140	170 / 170	160 / 160	170 / 170	160 / 160	160 / 160	160 / 160
Colour Processing	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit
LED Driving Method	1/46 dynamic scan	1/27 dynamic scan	1/27 dynamic scan	1/30 dynamic scan	1/27 dynamic scan	1/27 dynamic scan	1/15 dynamic scan
Refresh Rate [Hz]	≤ 3840	≤ 3840	≤ 3840	≤ 3840	≤ 3840	≤ 3840	≤ 3840
Colour Temperature [K]	3000 - 9500 adjustable / 6500 default				3000 - 9500 adjustable / 6500 default		
Power Typical [W] m²	380	300	275	275	225	225	225
Power Maximum [W] m²	720	600	600	600	575	575	575
Dimensions (W x H x D) [mm]	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49
Weight [kg] Module	8.8	8.8	8.8	8.8	8.8	8.8	8.8
Serviceability	Front				Front		
IP Level (Front/Rear)	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Certifications	CE, ETL, FCC Class A, RoHS				CE, ETL, FCC Class A, RoHS		
Warranty	3 years (options to extend)				3 years (options to extend)		

FE Series Bundles | Indoor FinePitch LED Bundles*

	FE009i2-104	FE009i2-110*	FE009i2-165	FE012i2-110	FE012i2-220	FE015i2-137	FE019i2-110	FE019i2-165	FE025i2-220
Order Code	81000450	81000291	81000112	81000028	81000050	81000020	81000027	81000029	81000030
Screen Size [inch/cm]	104 / 264	110 / 279.4	165 / 419	110 / 279	220 / 559	137 / 348	110 / 279	165 / 419	220 / 559
Resolution	2560 x 1080	2560 x 1440	3840 x 2160	1920 x 1080	3840 x 2160	1920 x 1080	1280 x 720	1920 x 1080	1920 x 1080
Module Configuration	4 x 3	4 x 4	6 x 6	4 x 4	8 x 8	5 x 5	4 x 4	6 x 6	8 x 8
Pixel Configuration	4-in-1 IMD (Black)			3-in-1 SMD (Black)					
LED type	IMD (1616)	IMD (1616)	IMD (1616)	SMD (1010)	SMD (1010)	SMD (1010)	SMD (1010)	SMD (1010)	SMD (1415)
Pixel Pitch [mm]	0.95	0.95	0.95	1.266	1.266	1.583	1.9	1.9	2.533
Brightness (max.) [cd/m²]	600	600	600	700	700	700	700	700	1000
Lifetime	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours
Contrast Ratio (typ.)	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1
Viewing Angle [°] hor / ver	140 / 140	140 / 140	140 / 140	170 / 170	170 / 170	170 / 170	170 / 170	170 / 170	160 / 140
Colour Processing	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit
LED Driving Method	1/46 dynamic scan	1/46 dynamic scan	1/46 dynamic scan	1/27 dynamic scan	1/27 dynamic scan	1/27 dynamic scan	1/30 dynamic scan	1/30 dynamic scan	1/27 dynamic scan
Refresh Rate [Hz]	≤ 3840	≤ 3840	≤ 3840	≤ 3840	≤ 3840	≤ 3840	≤ 3840	≤ 3840	≤ 3840
Colour Temperature [K]	3000 - 9500 adjustable / 6500 default					3000 - 9500 adjustable / 6500 default			
Power Typical [W]	960	1280	380	912	3648	1425	912	2052	3008
Dimensions (W x H x D) [mm]	2472 x 1066 x 82	2472 x 1489.5 x 82	3688 x2173,5 x 81	2472 x 1498,5 x 81	4904 x 2875,5 x 81	3080 x 1831,5 x 81	2472 x 1498,5 x 81	3688 x 2173,5 x 81	2472 x 1498,5 x 81
Weight [kg]	115.6	182	390	251	987	372	251	494	987
Bezel Width T-L-R / B [mm]	20-20-20 / 20	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100
Connectivity via Controller	DP, HDMI, GenLock, LAN	3G SDI, DVI-D, HDMI, GenLock, LAN	DP, HDMI, GenLock, LAN	DP, HDMI, GenLock, LAN	DP, HDMI, GenLock, LAN	DP, HDMI, GenLock, LAN	HDMI, DVI-D, 3G-SDI, LAN, GenLock		
Serviceability	Front	Front	Front	Front	Front	Front	Front	Front	Front
IP Level (Front/Rear)	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Certifications	CE, ETL, FCC Class A, RoHS					CE, ETL, FCC Class A, RoHS			
Shipping Content	LED Controller, LED Modules, Overframe kit, Pixel Card removal Tool, Power Bar**, Spare Parts Kit, Wall Mount								
Warranty	3 years (options to extend)					3 years (options to extend)			

FA Series | Indoor FinePitch LED Modules

	FA009i2	FA012i2	FA015i2	FA019i2	FA025i2	FA031i2	FA038i2
Order Code	80000290	80000017	80000018	80000019	80000020	80000021	80000022
Pixel Configuration	4-in-1 IMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)
LED type	IMD (1616)	SMD (1010)	SMD (1010)	SMD (1010)	SMD (1515)	SMD (1515)	SMD (1515)
Resolution per m²	1108033	623269	398892	277008	155817	99723	69252
Number of Pixel per module [dot]	230400	129600	82944	57600	32400	20736	14400
Number of Pixel per card [dot]	28800	16200	10368	7200	8100	2592	1800
Pixel Pitch [mm]	0.95	1.266	1.583	1.9	2.533	3.167	3.8
Brightness (max.) [cd/m²]	600	800	800	800	1200	1200	1200
Lifetime	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours
Contrast Ratio (typ.)	5000:1	5000:1	5000:1	5000:1	7000:1	7000:1	7000:1
Viewing Angle [°] hor/ver	140 / 140	170 / 170	170 / 170	170 / 170	160 / 160	160 / 160	160 / 160
Colour Processing	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit
LED Driving Method	1/46 dynamic scan	1/27 dynamic scan	1/27 dynamic scan	1/30 dynamic scan	1/30 dynamic scan	1/27 dynamic scan	1/15 dynamic scan
Refresh Rate [Hz]	≤ 3840	≤ 3840	≤ 3840	≤ 3840	≤ 3840	≤ 3840	≤ 3840
Colour Temperature [K]	3000 - 9500 adjustable / 6500 default				3000 - 9500 adjustable / 6500 default		
Power Typical [W] m²	380	315	275	275	225	225	225
Power Maximum [W] m²	720	600	600	600	575	575	575
Dimensions (W x H x D) [mm]	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49
Weight [kg] Module	8.8	8.8	8.8	8.8	8.8	8.8	8.8
Serviceability	Front	Front	Front	Front	Front	Front	Front
IP Level (Front/Rear)	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Certifications	CE, FCC Class A, RoHS				CE, FCC Class A, RoHS		
Warranty	3 years (options to extend)				3 years (options to extend)		

* FE-E pixel card option available ** Power Bar not included for FE009i2-104

FA Series Bundles | Indoor FinePitch LED Bundles

	FA009i2-110	FA009i2-165	FA012i2-110	FA012i2-220	FA015i2-137	FA019i2-110	FA019i2-165	FA025i2-220
Order Code	81000290	81000101	81000002	81000021	81000004	81000003	81000005	81000006
Screen Size [inch/cm]	110 / 279.4	165 / 419	110 / 279	220 / 559	137 / 348	110 / 279	165 / 419	220 / 559
Resolution	2560 x 1440	3840 x 2160	1920 x 1080	3840 x 2160	1920 x 1080	1280 x 720	1920 x 1080	1920 x 1080
Module Configuration	4 x 4	6 x 6	4 x 4	8 x 8	5 x 5	4 x 4	6 x 6	8 x 8
Pixel Configuration	4-in-1 IMD (Black)	4-in-1 IMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)
LED type	IMD (1616)	IMD (1616)	SMD (1010)	SMD (1010)	SMD (1010)	SMD (1010)	SMD (1010)	SMD (1515)
Pixel Pitch [mm]	0.95	0.95	1.266	1.266	1.583	1.9	1.9	2.533
Brightness (max.) [cd/m²]	600	600	800	800	800	800	800	1200
Lifetime	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours
Contrast Ratio (typ.)	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1	7000:1
Viewing Angle [°] hor / ver	140 / 140	140 / 140	170 / 170	170 / 170	170 / 170	170 / 170	170 / 170	160 / 160
Colour Processing	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit
LED Driving Method	1/46 dynamic scan	1/46 dynamic scan	1/27 dynamic scan	1/27 dynamic scan	1/27 dynamic scan	1/30 dynamic scan	1/30 dynamic scan	1/27 dynamic scan
Refresh Rate [Hz]	≤ 3840	≤ 3840	≤ 3840	≤ 3840	≤ 3840	≤ 3840	≤ 3840	≤ 3840
Colour Temperature [K]	3000 - 9500 adjustable / 6500 default				3000 - 9500 adjustable / 6500 default			
Power Typical [W]	1280	2880	912	3648	1425	912	2050	3008
Dimensions (W x H x D) [mm]	2472 x 1489.5 x 82	3688 x 2173,5 x 81	2472 x 1498,5 x 81	4904 x 2875,5 x 81	3080 x 1831,5 x 81	2472 x 1498,5 x 81	3688 x 2173,5 x 81	2472 x 1498,5 x 81
Weight [kg]	182	390	251	660	372	251	494	987
Bezel Width T-L-R / B [mm]	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100
Connectivity (via Controller)	HDMI, DVI-D, 3G-SDI, LAN, GenLock				HDMI, DVI-D, 3G-SDI, LAN, GenLock			
Redundancy	LED Controllers, Power Supplies, Receiving Cards				LED Controllers, Power Supplies, Receiving Cards			
Serviceability	Front	Front	Front	Front	Front	Front	Front	Front
IP Level (Front/Rear)	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Certifications	CE, FCC Class A, RoHS, ETL	CE, FCC Class A, RoHS, ETL	CE, FCC Class A, RoHS,	CE, FCC Class A, RoHS, ETL	CE, FCC Class A, RoHS			
Shipping Content	LED Controller, LED Modules, Overframe Kit, Pixel Card removal Tool, Power Bar, Spare Parts Kit, Wall Mount							
Warranty	3 years (options to extend)				3 years (options to extend)			

FA Series | Indoor FinePitch Super Black LED Modules

	FA012i2-SB	FA015i2-SB
Order Code	81000120	81000122
LED Type	SMD (1010)	SMD (1010)
Number of Pixel per module [dot]	129600	82944
Number of Pixel per card [dot]	16200	10368
Pixel Pitch [mm]	1267	1583
Brightness (max.) [cd/m²]	400	400
Lifetime	100000 hours	100000 hours
Contrast Ratio (typ.)	5000:1	5000:1
Viewing Angle [°] hor / ver	140 / 140	140 / 140
Colour Processing	16 bit	16 bit
LED Driving Method	1/27 dynamic scan	1/27 dynamic scan
Refresh Rate [Hz]	3840	3840
Colour Temperature [K]	3000-9500	3000-9500
Power Typical [W] m²	315	275
Power Maximum [W] m²	600	600
Dimensions (W x H x D) [mm]	608 x 342 x 49	608 x 342 x 49
Weight [kg] Module	8.8	8.8
Serviceability	Front	Front
IP Level (Front/Rear)	IP20	IP20
Certifications	CE, ETL, FCC Class A, RoHS	CE, ETL, FCC Class A, RoHS
Warranty	3 years (options to extend)	

FC Series | Indoor FinePitch LED Modules

	LED-FC009i	LED-FC012i	LED-FC015i
Order Code	81000376	81000378	81000380
Pixel Configuration	3-in-1 COB	3-in-1 COB	3-in-1 COB
LED Type	COB (0408)	COB (0408)	COB (0408)
Resolution per m²	1108033	623269	398892
Number of Pixel per module [dot]	230400	129600	82944
Number of Pixel per card [dot]	28800	16200	10368
Pixel Pitch [mm]	0.95	1.267	1.583
Brightness (max.) [cd/m²]	800	800	800
Lifetime	100000 hours	100000 hours	100000 hours
Contrast Ratio (typ.)	20.000:1	20.000:1	20.000:1
Viewing Angle [°] hor / ver	160 /150	160 /160	160 /160
Colour Processing	16 bit	16 bit	16 bit
LED Driving Method	1/36 dynamic scan	1/45 dynamic scan	1/36 dynamic scan
Refresh Rate [Hz]	3840	3840	3840
Colour Temperature [K]	3000-9500	3000-9500	3000-9500
Power Typical [W] m²	135	192	173
Power Maximum [W] m²	289	337	313
Dimensions (W x H x D) [mm]	608 x 342 x 48,5	608 x 342 x 48,5	608 x 342 x 48,5
Weight [kg] Module	7	7	7
Serviceability	Front	Front	Front
IP Level (Front/Rear)	IP40 / IP20	IP40 / IP20	IP40 / IP20
Certifications	CE, ETL, FCC Class A, RoHS	CE, ETL, FCC Class A, RoHS	CE, ETL, FCC Class A, RoHS
Warranty	3 years (options to extend)		

FC Series Bundles | Indoor FinePitch LED Bundles

	LED-FC009i-165	LED-FC012i-110	LED-FC012i-220	LED-FC015i-137
Order Code	81000477	81000478	81000479	81000480
Screen Size [Inch]	165	110	220	137
Resolution	3840x2160	1920x1080	1920x1080	1920x1080
Module Configuration	36	16	64	25
Pixel Configuration	3-in-1 COB	3-in-1 COB	3-in-1 COB	3-in-1 COB
LED Type	COB (0408)	COB (0408)	COB (0408)	COB (0408)
Pixel Pitch [mm]	0.95	1.26	1.26	1.58
Brightness (max.) [cd/m²]	800	800	800	800
Lifetime	100000 hours	100000 hours	100000 hours	100000 hours
Contrast Ratio (typ.)	20.000:1	20.000:1	20.000:1	20.000:1
Viewing Angle [°] hor / ver	160 / 150	160 / 160	160 / 160	160 / 160
Colour Processing	16 bit	16 bit	16 bit	16 bit
LED Driving Method	1/36 dynamic scan	1/45 dynamic scan	1/45 dynamic scan	1/36 dynamic scan
Refresh Rate [Hz]	3840	3840	3840	3840
Colour Temperature [K]	3000-9500	3000-9500	3000-9500	3000-9500
Power Typical [W] m²	1008	640	2560	900
Dimensions (W x H x D) [mm]	3688 x 2173 x 82	2472 x 1489,5 x 82	4904 x 2857,5 x 82	3080 x 1831,5 x 82
Weight [kg]	325	153,2	543	234
Bezel Width T-L-R / B [mm]	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100
Connectivity via Controller	1 x DP; 1 x HDMI; 1 x GenLock; 1 x LAN	1 x 3G SDI; 1 x DVI-D; 1 x HDMI; 1 x GenLock; 1 x LAN	1 x DP; 1 x HDMI; 1 x GenLock; 1 x LAN	1 x 3G SDI; 1 x DVI-D; 1 x HDMI; 1 x GenLock; 1 x LAN
Serviceability	Front	Front	Front	Front
IP Level (Front/Rear)	IP40 / IP20	IP40 / IP20	IP40 / IP20	IP40 / IP20
Certifications	CE, ETL/UL, FCC Class A, RoHS	CE, ETL/UL, FCC Class A, RoHS	CE, ETL/UL, FCC Class A, RoHS	CE, ETL/UL, FCC Class A, RoHS
Shipping Content	LED Controller, LED Modules, Overframe Kit, Pixel Card Removal Tool, Power Bar, Spare Parts Kit, Wall Mount			
Warranty	3 years (options to extend)		3 years (options to extend)	

Q Series | Indoor and Outdoor Signage

B Series

	Q028i2	Q039i2	Q028e2	Q039e2	Q048e2	B039i
Ordercode	80000023	80000024	80000027	80000028	80000029	80000026
Pixel Configuration	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)
LED type	SMD (2121)	SMD (2121)	SMD (1415)	SMD (1921)	SMD (1921)	SMD (2121)
Resolution per m²	123904	65536	123904	65536	43264	65536
Number of Pixel per module [dot]	176 x 176	128 x 128	176 x 176	128 x 128	104 x 104	4096
Pixel Pitch [mm]	2.841	3.91	2.84	3.91	4.8	3.91
Brightness (max.) [cd/m²]	1200	1200	4000	5500	5500	1000
Lifetime	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours
Contrast Ratio (typ.)	7.000:1	7.000:1	7.000:1	6000:1	6000:1	3000:1
Viewing Angle [°] hor / ver	160 / 140	140 / 140	140 / 140	140 / 120	140 / 140	160 / 160
Colour Processing	256 levels	256 levels	256 levels	256 levels	256 levels	16 bit
Colours	16 bit	16 bit	16 bit	16 bit	16 bit	281 trillion
LED Driving Method	1/22 dynamic scan	1/16 dynamic scan	1/22 dynamic scan	1/8 dynamic scan	1/13 dynamic scan	1/16 dynamic scan
Refresh Rate [Hz]	< 3840	< 3840	< 3840	< 3840	< 3840	2400
Colour Temperature [K]	3200 - 9300	3200 - 9300	3200 - 9300	3200 - 9300	3200 - 9300	3200 - 9300 adjustable
Power Typical [W] m²	200	200	270	240	240	136
Power Maximum [W] m²	480	480	720	640	640	400
Dimensions (W x H x D) [mm]	500 x 500 x 70	500 x 500 x 70	500 x 500 x 70	500 x 500 x 70	500 x 500 x 70	500 x 500 x 78
Weight [kg]	8.3	8.3	8.5	8.5	8.5	9
Dimension Pixelcard (W x H) [mm]	250 x 250	250 x 250	250 x 250	250 x 250	250 x 250	250 x 250
Serviceability	Front; Rear Service		Front; Rear Service			Standard Rear, Front Optional
IP Level (Front/Rear)	IP30	IP30	IP65	IP65	IP65	IP30
Certifications	CE, ETL, FCC Class A, RoHS		CE, ETL, FCC Class A, RoHS			CE, EMC Class B, RoHS, CCC
Warranty	2 years (options to extend)		2 years (options to extend)			2 years (options to extend)

E Series | Essential Displays

MultiSync® Model	E328	E438	E498	E558	E658	E758	E868
Order Code	60005270	60005045	60005052	60005054	60005059	60005157	60005159
Panel Technology	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED
Screen Size [inch / cm]	32 / 80	43 / 108	49 / 123	55 / 139	65 / 164	74.5 / 189.3	85.6 / 217.43
Brightness (max.) [cd/m²]	350	350	350	350	350	350, 245	350, 245
Contrast (typ.)	1200:1	1200:1	1200:1	1200:1	1200:1	≥ 8000:1	≥ 8000:1
Viewing Angle horizontal / vertical [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8	8	8	8	8
Haze Level (%)	Standard (1)	Standard (1)	Standard (1)	Standard (1)	Standard (1)	Pro (25)	Pro (25)
Supported orientation	Landscape	Landscape	Landscape	Landscape	Landscape	Landscape, Portrait	Landscape, Portrait
Native Resolution	1920 x 1080	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
Connectivity	3 HDMI, VGA	3 HDMI, VGA	3 HDMI, VGA	3 HDMI, VGA	3 HDMI, VGA	3 HDMI, VGA, USB 2.0, USB Type C	3 HDMI, VGA, USB 2.0, USB Type C
Power Consumption shipping [W]	33	72	109	105	144	145	205
Power Savings Mode [W]	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dimensions (W x H x D) [mm]	727 x 422 x 67	970 x 560 x 71	1103 x 608 x 72	1238.6 x 718 x 72	1458 x 834 x 73	1682.3 x 961.1 x 83.2	1927.6 x 1099.1 x 83.2
Weight [kg]	5.3	8.9	12.4	16.8	23.8	36.3	46
Bezel Width [mm]	12.5 (left, right, top); 13.9 (bottom)	12.5 (left, right, top); 13.9 (bottom)	12.5 (left, right, top); 13.9 (bottom)	12.5 (left, right, top); 13.9 (bottom)	13 (left, right, top); 14.4 (bottom)	14.3 (left, right and top); 14.8 (bottom)	14.3 (left, right and top); 14.8 (bottom)
Integrated Speakers	2x 5 W	2x 10 W	2x 10 W	2x 10 W	2x 10 W	2x 10 W	2x 10 W
NaviSet	●	●	●	●	●	●	●

ME Series | Midrange Displays

MultiSync® Model	ME431	ME501	ME551	ME651
Order Code	60005048	60005053	60005052	60005062
Order Code with MPi4	60005372	60005373	60005052	60005375
Panel Technology	IPS / Direct LED	VA / Direct LED	IPS / Direct LED	IPS / Direct LED
Screen Size [inch / cm]	43 / 108	50 / 126	55 / 139	65 / 164
Brightness (max.) [cd/m²]	400	400	400	400
Contrast (typ.)	≥ 8000:1	≥ 8000:1	≥ 8000:1	≥ 8000:1
Viewing Angle horizontal / vertical [°]	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8	8
Haze Level (%)	Standard (1)	Standard (1)	Standard (1)	Standard (1)
Supported orientation	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait
Native Resolution	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
Connectivity	2 HDMI, DP	2 HDMI, DP	2 HDMI, DP	2 HDMI, DP
Slot-In Option	Intel® SDM; RPi Compute Module 4	Intel® SDM; RPi Compute Module 4	Intel® SDM; RPi Compute Module 4	Intel® SDM; RPi Compute Module 4
Power Consumption shipping [W]	80	85	120	165
Power Savings Mode [W]	<0.5	<0.5	<0.5	<0.5
Dimensions (W x H x D) [mm]	973 x 561 x 63	1128 x 649 x 63	1242 x 713 x 63	1462 x 837 x 68
Weight [kg]	13.9	17.3	19.8	29.4
Bezel Width [mm]	13.9	14.9	13.9	14.9
Integrated Speakers	2x 10 W	2x 10 W	2x 10 W	2x 10 W
NaviSet	●	●	●	●
AirServer	●	●	●	●

C Series | Midrange Displays

MultiSync® Model	C981Q	C750Q	C860Q
Order Code	60004516	60005460	60005461
Order Code with MPi4	-	-	-
Panel Technology	IPS / Direct LED	IPS / Edge LED	IPS / Edge LED
Screen Size [inch / cm]	98 / 249	75 / 190	86 / 217
Brightness (max.) [cd/m²]	350	350	350
Contrast (typ.)	1300:1	1200:1	1200:1
Viewing Angle horizontal / vertical [°]	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8
Haze Level (%)	Pro (28)	Pro (28)	Pro (28)
Supported orientation	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait
Native Resolution	3840 x 2160	3840 x 2160	3840 x 2160
Connectivity	3 HDMI, DP: 2 In, 1 Out	2 HDMI, DP: 1 In	2 HDMI, DP: 1 In
Slot-In Option	OPS, Compute Module Slot	OPS	OPS
Power Consumption shipping [W]	240	195	230
Power Savings Mode [W]	<0.5	<0.5	<0.5
Dimensions (W x H x D) [mm]	2194 x 1249 x 93	1681 x 960 x 71	1928 x 1099 x 74
Weight [kg]	90	53.0	57.8
Bezel Width [mm]	15.9	14.8	15.3
Integrated Speakers	2 x 10 W	2 x 10 W	2 x 10 W
NaviSet	●	●	●
AirServer	-	-	-

V Series | Midrange Displays

MultiSync® Model	V754Q	V864Q	V984Q
Order Code	60004317	60004037	60004318
Order Code with MPi3	-	-	-
Order code with BrightSign Player	40001493	40001492	40001494
Panel Technology	IPS / Edge LED	IPS / Edge LED	IPS / Direct LED
Screen Size [inch / cm]	75 / 190	86 / 217	98 / 249
Brightness (max.) [cd/m²]	500	500	500
Contrast (typ.)	1200:1	1200:1	1300:1
Viewing Angle Hor / Ver [°]	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8
Haze Level (%)	Pro (28)	Pro (28)	Pro (28)
Supported orientation	Landscape, Portrait, Face Up	Landscape, Portrait, Face Up	
Native Resolution	3840 x 2160	3840 x 2160	3840 x 2160
Connectivity	3 HDMI, DP: 2 In, 1 Out	3 HDMI, DP: 2 In, 1 Out	3 HDMI, DP: 2 In, 1 Out
Slot-In Option	OPS, Compute Module Slot	OPS, Compute Module Slot	
Power Consumption shipping [W]	155	230	380
Power Savings Mode [W]	<0.5	<0.5	<0.5
Dimensions (W x H x D) [mm]	1681 x 960 x 71	1928 x 1099 x 74	2194 x 1249 x 93
Weight [kg]	53.0	57.8	90
Bezel Width [mm]	14.8	15.3	15.9
Integrated Speakers	2 x 10 W	2 x 10 W	2 x 10 W
NaviSet	●	●	●
SpectraView Engine	●	●	●
AirServer	-	-	-

M Series | Midrange Displays

MultiSync® Model	M321	M431	M491
Order Code	60005288	60005047	60005051
Order Code with MPi3	40001610	60005380	60005381
Order code with BrightSign Player	-	-	-
Panel Technology	IPS / Edge LED	IPS / Direct LED	IPS / Direct LED
Screen Size [inch / cm]	32 / 80	43 / 108	49 / 123
Brightness (max.) [cd/m²]	450	500	500
Contrast (typ.)	1100:1	≥ 8000:1	≥ 8000:1
Viewing Angle Hor / Ver [°]	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8
Haze Level (%)	Pro (28)	Pro (28)	Pro (28)
Supported orientation	Landscape, Portrait, Face Up	Landscape, Portrait	Landscape, Portrait
Native Resolution	1920 x 1080	3840 x 2160	3840 x 2160
Connectivity	VGA, DP, 2 HDMI, USB 2.0	2 HDMI, DP	2 HDMI, DP
Slot-In Option	OPS, Compute Module Slot	Intel® SDM; RPi Compute Module 4	Intel® SDM; RPi Compute Module 4
Power Consumption shipping [W]	40	80	80
Power Savings Mode [W]	<0.5	<0.5	<0.5
Dimensions (W x H x D) [mm]	726.5 x 425.4 x 66.5	968 x 561 x 67	1103 x 636 x 61
Weight [kg]	6.3	17.8	21.8
Bezel Width [mm]	11.8 (top); 11.9 (left and right); 17.2 (bottom)	11 (left, right, top); 15.6 (bottom)	12 (top); 12.5 (left, right); 15.6 (bottom)
Integrated Speakers	2 x 5 W	2 x 10 W	2 x 10 W
NaviSet	●	●	●
SpectraView Engine	-	-	-
AirServer	●	●	●

M Series | Midrange Displays

MultiSync® Model	M551	M651	M751	M861
Order Code	60005055	60005061	60005064	60005067
Order Code with MPi4	60005382	60005383	-	-
Panel Technology	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED
Screen Size [inch / cm]	55 / 139	65 / 164	75 / 189.3	86 / 217.4
Brightness (max.) [cd/m²]	500	500	500, 350	500, 350
Contrast (typ.)	≥ 8000:1	≥ 8000:1	≥ 8000:1	≥ 8000:1
Viewing Angle Hor / Ver [°]	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8	8
Haze Level (%)	Pro (28)	Pro (28)	Pro (25)	Pro (28)
Supported orientation	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait
Native Resolution	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
Connectivity	2 HDMI, DP	2 HDMI, DP	DP, 2 HDMI, USB 2.0	DP, 2 HDMI, USB 2.0
Slot-In Option	Intel® SDM; RPi Compute Module 4	Intel® SDM; RPi Compute Module 4	Intel® SDM; RPi Compute Module 4	Intel® SDM; RPi Compute Module 4
Power Consumption shipping [W]	110	120	205	320
Power Savings Mode [W]	<0.5	<0.5	<0.5	<0.5
Dimensions (W x H x D) [mm]	1240 x 713 x 61	1458 x 836 x 63	1682.3 x 961.1 x 83.2	1927.6 x 1099.1 x 83.2
Weight [kg]	26.4	37.1	38	47
Bezel Width [mm]	12 (top); 12.5 (left, right); 15.6 (bottom)	12 (top); 12.5 (left, right); 15.6 (bottom)	14.3 (left, right and top); 14.8 (bottom)	14.3 (left, right and top); 14.8 (bottom)
Integrated Speakers	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W
NaviSet	●	●	●	●
SpectraView Engine	-	-	●	●
AirServer	●	●	●	●

MA Series | Midrange Displays

MultiSync® Model	MA431	MA491	MA551
Order Code	60005046	60005050	60005056
Order Code with MPi4	60005384	60005370	60005371
Panel Technology	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED
Screen Size [inch / cm]	43 / 108	49 / 124	55 / 139
Brightness (max.) [cd/m²]	500	500	500
Contrast (typ.)	≥ 8000:1	≥ 8000:1	≥ 8000:1
Viewing Angle Hor / Ver [°]	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8
Haze Level (%)	Pro (28)	Pro (28)	Pro (28)
Supported orientation	Landscape, Portrait, Face up		
Native Resolution	3840 x 2160	3840 x 2160	3840 x 2160
Connectivity	HDMI: 2 In, 1 Out; DP 2 In, 1 Out		
Slot-In Option	Intel® SDM; RPi Compute Module 4	Intel® SDM; RPi Compute Module 4	Intel® SDM; RPi Compute Module 4
Power Consumption shipping [W]	70	85	90
Power Savings Mode [W]	<0.5	<0.5	<0.5
Dimensions (W x H x D) [mm]	968 x 561 x 67	1103 x 636 x 61	1240 x 713 x 61
Weight [kg]	18.5	22.9	27.6
Bezel Width [mm]	11 (left, right, top); 15.6 (bottom)	12 (top); 12.5 (left, right); 15.6 (bottom)	12 (top); 12.5 (left, right); 15.6 (bottom)
Integrated Speakers	-	-	-
NaviSet	●	●	●
SpectraView Engine	●	●	●
AirServer	-	-	-

P Series | Professional Signage

BT | Stretched

MultiSync® Model	P435	P495	P555	P754Q	BT421
Order Code	60005141	60005049	60005058	60004316	60004365
Order Code with MPi4	60005376	60005377	60005378	-	-
Panel Technology	IPS / Edge LED	IPS / Edge LED	IPS / Edge LED	IPS / Edge LED	VA / Direct LED
Screen Size [inch / cm]	43 / 108	49 / 125	55 / 139	75 / 190	42 / 107
Brightness (max.) [cd/m²]	700	700	700	650	700
Contrast (typ.)	≥ 8000:1	≥ 8000:1	≥ 8000:1	1200:1	4000:1
Viewing Angle Hor / Ver [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8	8	8
Haze Level (%)	Pro (28)	Pro (28)	Pro (28)	Pro (28)	Pro (44)
Supported Orientation	Landscape, Portrait, Face Up, Face Down			Landscape, Portrait, Face Up	Landscape, Portrait
Native Resolution	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	1920 x 480
Connectivity	HDMI: 2 In, 1 Out; DP 2 In, 1 Out			3 HDMI, DP: 2 In, 1 Out	DVI: 2 In, 1 Out, LAN
Slot-In Option	Intel® SDM; RPi Compute Module 4			OPS, Compute Module Slot	-
Power Consumption shipping [W]	90	105	110	195	50
Power Savings Mode [W]	<0.5	<0.5	<0.5	<0.5	< 0.5
Dimensions (W x H x D) [mm]	968 x 561 x 67	1103 x 636 x 61	1240 x 713 x 61	1681 x 960 x 71	1060 x 289 x 65
Weight [kg]	18.5	22.9	27.6	53.0	9.3
Bezel Width [mm]**	11 (left, right, top); 15.6 (bottom)	12 (top); 12.5 (left, right); 15.6 (bottom)	12 (top); 12.5 (left, right); 15.6 (bottom)	14.8	7.9 L+R / 9.8 T / 14.7 B
Integrated Speakers	-	-	-	2 x 10 W	-
NaviSet	●	●	●	●	●
SpectraView Engine	●	●	●	●	-

UN Series | Video Wall

MultiSync® Model	UN552	UN552V	UN552S	UN552VS
Order Code	60004884	60004882	60004523	60004524
Panel Technology	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED
Screen Size [inch / cm]	55 / 140	55 / 140	55 / 140	55 / 140
Brightness (Max.) [cd/m²]	700	500	700	500
Contrast (typ.)	1200:1	1200:1	1100:1	1100:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8	8
Haze Level (%)	Pro (28)	Pro (28)	Pro (28)	Pro (28)
Supported Orientation	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait
Native Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Connectivity	DP In/Out, HDMI In/Out, DVI-D, VGA	DP In/Out, HDMI In/Out, DVI-D, VGA	DP In/Out, HDMI In/Out, DVI-D, VGA	DP In/Out, HDMI In/Out, DVI-D, VGA
Slot-In Option	OPS, Compute Module Slot	OPS, Compute Module Slot	OPS, Compute Module Slot	OPS, Compute Module Slot
Power Consumption shipping [W]	150	110	165	160
Power Savings Mode [W]	<0.5	<0.5	<0.5	<0.5
Dimensions (W x H x D) [mm]	1213 x 684 x 104	1213 x 684 x 104	1211 x 682 x 99	1211 x 682 x 99
Weight [kg]	25.5	25.5	25.8	25.8
Bezel Width T - L / B - R [mm]*	2.3 / 1.2	2.3 / 1.2	0.44 / 0.44	0.44 / 0.44
NaviSet	●	●	●	●
SpectraView Engine	●	●	●	●
NEC Display Wall Calibrator	●	●	●	●

Protective Glass Displays

MultiSync® Model	M321 PG-2	M431 PG-2	M491 PG-2	M551 PG-2	M651 PG-2	MA431 PG-2
Order Code	60005605	60005850	60005851	60005852	60005853	60005854
Base Model	M321	M431	M491	M551	M651	MA431
All specs same as base model except for those listed below						
Dimensions (W x H x D) [mm]	731.5 x 438.4 x 76.5	968.2 x 561 x 67.1	1103.4 x 636.2 x 61.1	1239.6 x 713 x 61.1	1458.4 x 836.2 x 62.6	968.2 x 561 x 67.1
Weight [kg]	9.1	17.8	21.8	26.4	37.1	18.5
Bezel Width T-B / L-R [mm]	18.4 (top);14.4 (left and right); 23.8 (bottom)	11 (left, right and top); 15.6 (bottom)	12 (top); 12.5 (left and right); 15.6 (bottom)	12 (top); 12.5 (left and right); 15.6 (bottom)	12 (top); 12.5 (left and right); 15.6 (bottom)	11 (left, right and top); 15.6 (bottom)
Glass Type	GroGlass® Protective Glass; Premium toughened glass, anti-glare coating					
Glass Thickness [mm]	4	4	4	4	5	4
Coating	Security Glass with anti-reflextion coating					
Light Transmission [%]	≥ 97	97	97	97	97	97
Reflection Rate [%]	1	<1	<1	<1	<1	<1

Protective Glass Displays

MultiSync® Model	MA491 PG-2	MA551 PG-2	P435 PG-2	P495 PG-2	P555 PG-2
Order Code	60005855	60005856	60005857	60005858	60005859
Base Model	MA491	MA551	P435	P495	P555
All specs same as base model except for those listed below					
Dimensions (W x H x D) [mm]	1103.4 x 636.2 x 61.1	1239.6 x 713 x 61.1	968.2 x 561 x 67.1	1103.4 x 636.2 x 61.1	1239.6 x 713 x 61.1
Weight [kg]	22.9	27.6	18.5	22.9	27.6
Bezel Width T-B / L-R [mm]	12 (top); 12.5 (left and right); 15.6 (bottom)	12 (top); 12.5 (left and right); 15.6 (bottom)	11 (left, right and top); 15.6 (bottom)	12 (top and bottom); 12.5 (left and right); 15.6 (bottom)	12 (top); 12.5 (left and right); 15.6 (bottom)
Glass Type	GroGlass® Protective Glass; Premium toughened glass, anti-glare coating				
Glass Thickness [mm]	4	4	4	4	4
Coating	Security Glass with anti-reflextion coating				
Light Transmission [%]	97	97	97	97	97
Reflection Rate [%]	<1	<1	<1	<1	<1

ME Series IR | Infrared Touch Displays

M Series PCAP | PCAP Touch Displays

MultiSync® Model	ME431 IR-2	ME501 IR-2	ME551 IR-2	M431 PCAP	M491 PCAP	M551 PCAP	M651 PCAP
Order Code	60005077	60005081	60005084	60005076	60005080	60005082	60005341
Base Model	ME431	ME501	ME551	M431	M491	M551	M651
For detailed specifications look at the base model (as shown in line above)							
Brightness w/o glass (max.) [cd/m²]	400	400	400	500	500	500	500
Haze Level (%)	4	4	4	5 ~ 10	5 ~ 10	5 ~ 10	5 ~ 10
Supported Orientation	Landscape, Portrait			Face Up, Landscape, Portrait		Face Up, Landscape, Portrait	
Slot-in Option	Intel SDM; RPi Compute Module 4			Intel® SDM; RPi Compute Module 4		Intel® SDM; RPi Compute Module 4	
Power Consumption [W]	80	85	120	80	80	110	120
Dimensions (W x H x D) [mm]	988 x 574 x 86	1143 x 662 x 80	1257 x 725 x 80	1003 x 595 x 74	1140 x 670 x 65	1276 x 747 x 68	1493 x 871 x 69
Weight [kg]	21.9	27.8	31.8	24.8	30.3	36.4	51.1
Bezel Width T-B / L-R [mm]	23.4 / 22.25	20 / 18.95	23.9 / 22.75	Edge-to-edge flush design (no bezel)		Edge-to-edge flush design (no bezel)	
Touch Technology	Infrared Touch	Infrared Touch	Infrared Touch	PCAP	PCAP	PCAP	PCAP
Touch Points	20	20	20	20	20	20	20
Input Method	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove	Conductive Passive Stylus, Finger, Thin Gloves		Conductive Passive Stylus, Finger, Thin Gloves	
Glass Thickness [mm]	3	3	3	3.6	4.45	3.5	3.5
NaviSet	●	●	●	●	●	●	●

M Series IGB | InGlass™ Touch Displays

MultiSync® Model	M551 IGB	M651 IGB	M751 IGB	M861 IGB
Order Code	60005425	60005426	60005948	60005949
Base Model	M551	M651	M751	M861
For detailed specifications look at the base model (as shown in line above)				
Brightness w/o glass (max.) [cd/m²]	500	500	500	500
Haze Level (%)	≤ 5 ± 3	≤ 5 ± 3	≤ 5 ± 3	≤ 5 ± 3
Supported Orientation	Face Up, Landscape, Portrait		Landscape, Portrait	Landscape, Portrait
Slot-in Option	Intel® SDM; RPi Compute Module 4			
Power Consumption [W]	110	120	205	320
Dimensions (W x H x D) [mm]	1284.5 x 757.3 x 70.9	1501.3 x 879 x 73.2	1724.6 x 1003 x 93.4	1972 x 1142 x 91.5
Weight [kg]	38.5	53.5	62	76
Bezel Width T-B / L-R [mm]	18.4 / 18.4	18.5 / 18.5	21.9	22.5
Touch Technology	InGlass™	InGlass™	InGlass™	InGlass™
Touch Points	20	20	20	20
Input Method	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove	Finger, Stylus, Glove
Glass Thickness [mm]	3	3	3	3
NaviSet	●	●	●	●

LC Series | Entry Collaboration Displays

LB Series | Midrange Collaboration Displays

	PN-LC652	PN-LC752	PN-LC862	PN-L652B	PN-L752B	PN-L862B
Order Code	60005890	60005892	60005901	60005557	60005558	60005559
Brightness w/o glass (max.) [cd/m^2]	450	450	450	400	400	400
Haze Level (%)	3 ~ 8	3 ~ 8	3 ~ 8	3 ~ 8	3 ~ 8	3 ~ 8
Supported Orientation	Landscape	Landscape	Landscape	Landscape & Portrait	Landscape & Portrait	Landscape
Slot-in Option	OPS	OPS	OPS	OPS	OPS	OPS
Power Consumption [W]	180	200	260	165	230	295
Dimensions (W x H x D) [mm]	1511.6 x 917.9 x 85.9	1722.5 x 1032.1 x 87.1	1967.9 x 1170.2 x 87.1	1488.4 x 896.6 x 85.5	1709.4 x 1019.8 x 85.7	1957 x 1159.5 x 85.7
Weight [kg]	38.5	51	65	36.5	49.5	62.5
Bezel Width T-B / L-R [mm]	21.9 (left, right and top); 53.2 (bottom)			16.8 (left, right and top); 45.7 (bottom)		
Touch Technology	Infrared	Infrared	Infrared	Precision	Precision	Precision
Connectivity	Input: 1x VGA, 1x DP, 1x USB-C, 3x HDMI, 4x USB-A, 2x USB-B Output: 1x HDMI			1x VGA, 1x USB-C, 3x HDMI, 5x USB-A, 2x USB-B		
Touch Points	20	20	20	20	20	20
Input Method	Finger, Stylus dual pen tip	Finger, Stylus dual pen tip	Finger, Stylus dual pen tip	Finger, Gloves, Stylus dual pen tip	Finger, Gloves, Stylus dual pen tip	Finger, Gloves, Stylus dual pen tip
Glass Thickness [mm]	3.2	3.2	3.2	3.4	3.4	3.4
NaviSet	●	●	●	●	●	●

WCD Series | Windows Collaboration Displays

	PN-CD701	WD551
Order Code	60005523	60005140
Panel Technology	VA	IPS
Brightness (max.) [cd/m^2]	350	400
Supported Orientation	Landscape	Landscape
Touch Technology	PCAP	PCAP
Touch Points	10	10
Input Method	Conductive Passive Stylus, Finger	Active Stylus, Conductive Passive Stylus, Finger
Windows Ink	●	●
Palm Rejection	●	-
Glass Thickness [mm]	1.9	3
Connectivity	1x HDMI, 1x USB-B, 2x USB-C, USB-A	1x HDMI, 1x USB-B, 2x USB-C, 2x USB-A
Slot-in Option	-	-
Embedded SoC	Android 6.0	-
Pre-installed Apps	●	-
Pre-installed Tools	Wireless screen sharing	-
Power Consumption [W]	370	155
Dimensions (W x H x D) [mm]	1623.6 x 976.4 x 90	1266 x 856.7 x 85.1
Weight [kg]	65	31,2
Bezel Width	Edge-to-edge flush design (no bezel)	Edge-to-edge flush design (no bezel)
Integrated Speakers	12W + 12W	12W + 12W
Video Conference Camera	120° FOV, HD 3840p @ 30fps	120° FOV, HD 3840p @ 30fps
Microphone	4 array; 6m pick-up	6 array; 180°; 8m pick-up
IoT Room Sensors	Air Quality (VOC), Ambient Light, Humidity, Presence, Temperature	
Certifications	MS Azure	MS Teams, MS Azure
NaviSet	-	-

Slot-in Options | Compatibility

				Computing Modules (Intel CPU)		Interface Boards	
Model	RPi CM3 SoC	RPi CM4 SoC (MPi4 Kit)	RPi4 MPi4 Box	OPS form factor	SDM form factor	SDM HDBaseT	SDM 12G SDI
Large Format Displays							
E328	-	-	Version C	-	-	-	-
E438	-	-	Version C	-	-	-	-
E498	-	-	Version C	-	-	-	-
E558	-	-	Version C	-	-	-	-
E658	-	-	Version C	-	-	-	-
E758	-	-	Version C	-	-	-	-
E868	-	-	Version C	-	-	-	-
ME431 (IR-2)	-	●	-	-	●	●	●
ME501 (IR-2)	-	●	-	-	●	●	●
ME551 (IR-2)	-	●	-	-	●	●	●
ME651	-	●	-	-	●	●	●
C750Q	-	-	Version A	●	-	via adapter SB-12AM	
C860Q	-	-	Version A	●	-	via adapter SB-12AM	
C981Q	●	-	Version A	●	-	via adapter SB-12AM	
V754Q	●	-	Version A	●	-	via adapter SB-12AM	
V864Q	●	-	Version A	●	-	via adapter SB-12AM	
V984Q	●	-	Version A	●	-	via adapter SB-12AM	
M321	-	-	Version A	-	-	-	-
M431 (PCAP)	-	●	-	-	●	●	●
M491 (PCAP)	-	●	-	-	●	●	●
M551 (PCAP/IGB)	-	●	-	-	●	●	●
M651 (PCAP/IGB)	-	●	-	-	●	●	●
M751 (IGB)	-	●	-	-	●	●	●
M861 (IGB)	-	●	-	-	●	●	●
MA431	-	●	-	-	●	●	●
MA491	-	●	-	-	●	●	●
MA551	-	●	-	-	●	●	●
P435	-	●	-	-	●	●	●
P495	-	●	-	-	●	●	●
P555	-	●	-	●	●	●	●
P754Q	●	-	Version A	●	-	via adapter SB-12AM	
UN552	●	-	Version A	●	-	via adapter SB-12AM	
UN552S	●	-	Version A	●	-	via adapter SB-12AM	
UN552V	●	-	Version A	●	-	via adapter SB-12AM	
UN552VS	●	-	Version A	●	-	via adapter SB-12AM	
LC652	-	-	-	●	-	via adapter SB-12AM	
LC752	-	-	-	●	-	via adapter SB-12AM	
LC862	-	-	-	●	-	via adapter SB-12AM	
L652B	-	-	-	●	-	via adapter SB-12AM	
L752B	-	-	-	●	-	via adapter SB-12AM	
L862B	-	-	-	●	-	via adapter SB-12AM	
Projectors							
PX1004UL	-	-	-	●	-	-	-
PH3501QL	-	-	-	●	-	-	-

*Touch-back is not supported by HDBaseT Interface Board.

			Soundbars							High-End-Speakers	
			General		Collaborative					rear-mount	
Display Model	Built-in speakers	External Speaker Order Code	100015582	100015583	100015453	100015078	100015454	100015302	100016015	100015517	100015612
			SP-AS2	SP-PS2	SP-ASCM2	SP-PSCM	SP-ASCM-IQ2	SP-PSCM-IQ	PN-ZCMS1	SP-RM3	SP-RM3a
E328	✓	Compatibility	●	-	●	-	●	-	-	-	-
E438	✓		●	-	●	-	●	-	-	-	●
E498	✓		●	-	●	-	●	-	-	-	●
E558	✓		●	-	●	-	●	-	-	-	●
E658	✓		●	-	●	-	●	-	-	-	●
E758	✓		●	-	●	-	●	-	-	-	●
E868	✓		●	-	●	-	●	-	-	-	●
ME431 (IR-2)	✓		●	-	●	-	●	-	-	-	●
ME501 (IR-2)	✓		●	-	●	-	●	-	-	-	●
ME551 (IR-2)	✓		●	-	●	-	●	-	-	-	●
ME651	✓		●	-	●	-	●	-	-	-	●
C750Q	✓		●	-	●	-	●	-	-	-	●
C860Q	✓		●	-	●	-	●	-	-	-	●
C981Q	✓		-	●	-	●	-	●	-	●	-
V754Q	✓		-	●	-	●	-	●	-	●	-
V864Q	✓		-	●	-	●	-	●	-	●	-
V984Q	✓		-	●	-	●	-	●	-	●	-
M321 (PG-2)	✓		-	-	-	-	-	-	-	-	-
M431 (PG-2, PCAP)	✓		●	-	●	-	●	-	-	-	●
M491 (PG-2, PCAP)	✓		●	-	●	-	●	-	-	-	●
M551 (PG-2, PCAP, IGB)	✓		●	-	●	-	●	-	-	-	●
M651 (PG-2, PCAP, IGB)	✓		●	-	●	-	●	-	-	-	●
M751 (IGB)	✓		●	-	●	-	●	-	-	-	●
M861 (IGB)	✓		●	-	●	-	●	-	-	-	●
MA431 (PG-2)	-		-	●	-	●	-	●	-	●	-
MA491 (PG-2)	-		-	●	-	●	-	●	-	●	-
MA551 (PG-2)	-		-	●	-	●	-	●	-	●	-
P435 (PG-2)*	-		-	●	-	●	-	●	-	●	-
P495 (PG-2)*	-		-	●	-	●	-	●	-	●	-
P555 (PG-2)*	-		-	●	-	●	-	●	-	●	-
P754Q	✓		-	●	-	●	-	●	-	●	-
UN552 / UN552V	-		-	●	-	●	-	●	-	●	-
UN552S / UN552VS	-		-	●	-	●	-	●	-	●	-
CB651Q-2	✓		●	-	●	-	●	-	-	-	●
CB861Q	✓		●	-	●	-	●	-	-	-	●
PN-LC652	-		-	-	-	-	-	-	●	-	-
PN-LC752	-		-	-	-	-	-	-	●	-	-
PN-LC862	-		-	-	-	-	-	-	●	-	-
PN-L652B	-		-	-	-	-	-	-	●	-	-
PN-L752B	-		-	-	-	-	-	-	●	-	-
PN-L862B	-		-	-	-	-	-	-	●	-	-

	Stands							
Display Model	Order Code	100014488	100015324	100012828	100013328	100013911	100014601	100015935
	Stands	ST-43M	ST-551	ST-65M	ST-801	ST-32E2	ST-55E	ST-32M
E328	Compatibility	-	-	-	-	●	-	-
E438		-	-	-	-	●	-	-
E498		-	-	-	-	●	-	-
E558		-	-	-	-	-	●	-
E658		-	-	-	-	-	●	-
E758		-	-	-	●	-	-	-
E868		-	-	-	●	-	-	-
ME431 (IR-2)		●	-	-	-	-	-	-
ME501 (IR-2)		●	-	-	-	-	-	-
ME551 (IR-2)		●	-	-	-	-	-	-
ME651		-	-	●	-	-	-	-
C750Q		-	-	-	●	-	-	-
C860Q		-	-	-	●	-	-	-
C981Q		-	-	-	●	-	-	-
V754Q		-	-	-	●	-	-	-
V864Q		-	-	-	●	-	-	-
V984Q		-	-	-	●	-	-	-
M321 (PG-2)		-	-	-	-	-	-	●
M431 (PG-2)		●	-	-	-	-	-	-
M491 (PG-2)		●	-	-	-	-	-	-
M551 (PG-2)		●	-	-	-	-	-	-
M651 (PG-2)		-	-	●	-	-	-	-
M751 (IGB)		-	-	-	●	-	-	-
M861 (IGB)		-	-	-	●	-	-	-
MA431 (PG-2)		●	-	-	-	-	-	-
MA491 (PG-2)		●	-	-	-	-	-	-
MA551 (PG-2)		●	-	-	-	-	-	-
P435 (PG)*		●	-	-	-	-	-	-
P495 (PG)*		●	-	-	-	-	-	-
P555 (PG)*		●	-	-	-	-	-	-
P754Q		-	-	-	●	-	-	-
UN552 / UN552V		-	●	-	-	-	-	-
UN552S / UN552VS		-	●	-	-	-	-	-

● Perfect Compatibility

● Compatible - speakers might bulge from the back surface. It might also require an additional mounting bracket - Please refer to the respective Product Datasheet for more details

- not Compatible

E Series | Commercial Enterprise

MultiSync® Model	E172M	E221N	E224F	E242N	E243F	E244F
Order Code	60003582 (BK) 60003581 (WH)	60004224 (BK) 60004223 (WH)	60005828 (BK) 60005842 (WH)	60004990 (BK) 60004856 (WH)	60005203 (BK) 60005204 (WH)	60005829 (BK) 60005843 (WH)
Panel Technology	TN / W-LED	IPS / W-LED	VA TFT with W-LED backlight	IPS / W-LED	IPS / W-LED	VA TFT with W-LED backlight
Screen Size [inch / cm]	17 / 43	22 / 55	22 / 55	24 / 60	24 / 60	24 / 60
Aspect Ratio	5:4	16:9	16:9	16:9	16:9	16:9
Brightness (typ.) [cd/m²]	250	250	250	250	250	250
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	170 / 160	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	5	6	6	6	6	6
Colours [Mio.]	16.77	16.77	16.77	16.77	16.77	16.77
Resolution at 60 Hz	1280 x 1024	1920 x 1080	1920 x 1080 at 60 Hz	1920 x 1080	1920 x 1080	1920 x 1080 at 60 Hz
Connectivity	VGA, DP, HDMI	DP, HDMI, VGA	DP, HDMI, D-sub 15 pin	DP, HDMI, USB 3.1 (3 down, 1 up), VGA	USB Type C, DP, HDMI, USB 3.1 (3 down, 1 up), VGA	DP, HDMI, D-sub 15 pin
Power ON (factory setting) [W]	10	15	16	16	15	21
Power Saving Mode [W]	0.4	0.29	0.22	0.29	0.4	0.22
Internal Power Supply	●	●	●	●	●	●
Height Adjustable Stand [mm]	50	110	120	110	130	120
Other Ergonomics	tilt	tilt, swivel, rotate, low blue light, flicker free	tilt, swivel, rotate, low blue light, flicker free	tilt, swivel, rotate, low blue light, flicker free	tilt, swivel, rotate, low blue light, flicker free	tilt, swivel, rotate, low blue light, flicker free
Bezel Width T - B / L - R [mm]	17.5 / 14.2	1*	1*, 16 (top and bottom)	1*	1*	1*; 16 (top and bottom)
Dimensions with stand (W x H x D) [mm]	368 x 359-409 x 230	488 x 360-470 x 214	610.4 x 376.9 - 506.9 x 282.6	539 x 374 -484x 214	538 x 333-463- x 190	610.4 x 376.9 - 506.9 x 282.6
Weight with stand [kg]	4.2	5.0	8.2	5.5	5.5	8.2
NaviSet	●	●	-	●	●	-

E Series | Commercial Enterprise

MultiSync® Model	E271N	E273F	E274F
Order Code	60004496 (BK) 60004633 (WH)	60005350 (BK) 60005412 (WH)	60005830 (BK) 60005844 (WH)
Panel Technology	IPS TFT / W-LED	IPS TFT with W-LED backlight	VA TFT with W-LED backlight
Screen Size [inch / cm]	27 / 69	27 / 69	27 / 69
Aspect Ratio	16:9	16:9	16:9
Brightness (typ.) [cd/m²]	250	250	250
Contrast (typ.)	1000:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	6	6	6
Colours [Mio.]	16.77	16.77	16.77
Resolution at 60 Hz	1920 x 1080	1920 x 1080	1920 x 1080
Connectivity	DP,HDMI, VGA	DP, HDMI, USB Type C, USB 3.1 (3 down, 1 up)	DP, HDMI, D-sub 15 pin
Power ON (factory setting) [W]	16	18	24
Power Saving Mode [W]	0.26	0.4	0.25
Internal Power Supply	●	●	●
Height Adjustable Stand [mm]	130	130	120
Other Ergonomics	tilt, swivel, rotate	tilt, swivel, rotate, low blue light, flicker free	tilt, swivel, rotate, low blue light, flicker free
Bezel Width T - B / L - R [mm]	1*	1 ; 1	16 ; 1
Dimensions with stand (W x H x D) [mm]	610 x 377-507 x 282	610.7 x 391.7 - 521.7 x 279	610.4 x 376.9 - 506.9 x 282.6
Weight with stand [kg]	8.1	5.7	8.2
NaviSet	●	●	-

EA Series | Commercial Enterprise

MultiSync® Model	EA231WU	EA242WU	EA241WU
Order Code	60004781 (BK) 60004782 (WH)	60004855 (BK) 60005573(WH)	60004676 (BK), 60004677 (WH)
Panel Technology	LED IPS TFT / W-LED	IPS TFT with W-LED backlight	LED IPS TFT / W-LED
Screen Size [inch / cm]	23 / 57	24 / 61	24 / 61
Aspect Ratio	16:10	16:10	16:10
Brightness (typ.) [cd/m²]	250	300	300
Contrast (typ.)	1000:1	1000:1 (5000:1 dynamic contrast ratio)	1000:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	6	6	5
Colours [Mio.]	16.77	16.77	16.77
Resolution at 60 Hz	1920 x 1200	1920 x 1080	1920 x 1200
Connectivity	DP, DVI-D, HDMI, USB 3.1 (3 down, 1 up), VGA	DP, DP out, HDMI, USB Type C, USB 3.1 (2 down, 1 up)	DVI-D, DP, HDMI, VGA, USB. 3.1 (3 down, 1 up)
Power ON (factory setting) [W]	15	21	20
Power Saving Mode [W]	0.31	0.3	0.3
Internal Power Supply	●	●	●
Height Adjustable Stand [mm]	150	150	150
Other Ergonomics	tilt, swivel, rotate, low blue light, flicker free	tilt, swivel, rotate	tilt, swivel, rotate, low blue light, flicker free
Bezel Width T - B / L - R [mm]	0.8*	0.8*	0.8*
Dimensions with stand (W x H x D) [mm]	499 x 337-487 x 250	531 x 365 x 250	532 x 365-515 x 250
Weight with stand [kg]	5.9	6.7	6.7
NaviSet	●	●	●

* T / L - R

EA Series | Commercial Enterprise

MultiSync® Model	EA241F	EA242F	EA271F	EA272F	EA271Q	EA271U
Order Code	60004786 (BK) 60004787 (WH)	60005032 (BK) 60005246 (WH)	60004304 (BK) 60004634 (WH)	60005033 (BK) 60005247 (WH)	60004303 (BK) 60004650 (WH)	60004302 (BK) 60004691 (WH)
Panel Technology	LED IPS TFT / W-LED	LED IPS TFT / W-LED	AH-IPS / W - LED	AH-IPS / W - LED	PLS / W-LED	IPS / W-LED
Screen Size [inch / cm]	24 / 61	24 / 61	27 / 69	27 / 69	27 / 68	27 / 68
Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9
Brightness (typ.) [cd/m²]	250	250	250	250	350	350
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1	1000:1	1300:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	5	5	6	6	6	5
Colours [Mio.]	16.77	16.77	16.77	16.77	16.77	16.77
Resolution at 60 Hz	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	2560 x 1440	3840 x 2160
Connectivity	DVI-D, DP, HDMI, VGA, USB. 3.1 (3 down, 1 up)	USB Type C, DP, DP out, HDMI, USB 3.1 (3 down, 2 up), D-Sub 15 pin	DVI-D, HDMI, USB 3.1 (3 down, 1 up), VGA	USB Type C, DP, DP out, HDMI, USB 3.1 (3 down, 2 up), VGA	USB Type C, DVI-D, DP, HDMI, USB. 3.1 (3 down, 1 up)	USB Type C, DP, HDMI, USB 3.1 (3 down, 1 up)
Power ON (factory setting) [W]	15	19	17	19	37	38
Power Saving Mode [W]	0.31	0.3	0.5	0.3	0.35	0.33
Internal Power Supply	●	●	●	●	●	●
Height Adjustable Stand [mm]	150	150	150	150	150	150
Other Ergonomics	tilt, swivel, rotate, low blue light, flicker free	tilt, swivel, rotate, low blue light, flicker free	tilt, swivel, rotate, low blue light, flicker free	tilt, swivel, rotate, low blue light, flicker free	tilt, swivel, rotate, low blue light, flicker free	tilt, swivel, rotate, low blue light, flicker free
Bezel Width T - B / L - R [mm]	0.8*	0.8*	1*	0.8*	1*	1*
Dimensions with stand (W x H x D) [mm]	538 x 337-487 x 250	538 x 337-487 x 250	610 x 377-527 x 250	610 x 377-527 x 250	612 x 378-528 x 250	612 x 378-528 x 250
Weight with stand [kg]	6.1	7	7.6	9.2	9.1	9.1
NaviSet	●	●	●	●	●	●

EX Series | Speciality

MultiSync® Model	EX241UN
Order Code	60004064(BK) 60004065 (WH)
Panel Technology	IPS / W-LED
Screen Size [inch / cm]	24 / 60
Aspect Ratio	16:9
Brightness (typ.) [cd/m²]	250
Contrast (typ.)	1000:1
Viewing Angle Hor / Vert [°]	178 / 178
Response Time (typ. G to G) [ms]	6
Colours [Mio.]	16.77
Resolution at 60 Hz	1920 x 1080
Connectivity	DVI-D, DP, D-Sub, HDMI, USB 3.0 (3 down, 1 up)
Power ON (factory setting) [W]	19
Power Saving Mode [W]	0.3
Internal Power Supply	●
Height Adjustable Stand [mm]	100
Other Ergonomics	tilt, swivel, rotate, low blue light, flicker free
Bezel Width T - B / L - R [mm]	0.8*
Dimensions with stand (W x H x D) [mm]	538 x 370 x 204
Weight with stand [kg]	5.6
NaviSet	●

* T / L - R

ME Series | Desktop

	ME383W	ME403U
Order Code	60005220	60005221
Projection Technology	3LCD	3LCD
Aspect Ratio	16:10	16:10
Native Resolution	1280 x 800 (WXGA)	1920 x 1200 (WUXGA)
Brightness [Lumen]	3800	4000
Contrast Ratio	16000:1	16000:1
Projection Factor	1.2 – 2.1 : 1	1.2 – 2.1 : 1
Projection Distance [m]	0.94 – 11.59	0.75 – 12.88
Projection Angle [º]	6.6 - 11.1	6.6 - 11.1
Screen Size (cm / inch)	min. 76 / 30 max. 762 / 300	min. 76 / 30 max. 762 / 300
Zoom / Focus	x1.7 / Manual	x1.6 / Manual
Connectivity	2 HDMI, RGB: in/Out, Video, LAN, PC Control, USB B, Audio: 2 In, 1 Out	2 HDMI, RGB: in/Out, Video, LAN, PC Control, USB B, Audio: 2 In, 1 Out
Power [W AC] Hi-Bright / Normal / ECO / Power-Saving	288 / 196 / 0.5	295 / 207 / 0.5
Lamp Life Normal / ECO [hrs.]	10000 /20000	10000 /20000
Dimensions (W x H x D) [mm]	345 x 104.6 x 261	345 x 104.6 x 261
Weight [kg]	3.2	3.5
Speakers (mono) [W]	1 x 16	1 x 16
NaviSet	●	●

PE Series | Professional

	PE506UL
Ordercode	60005463
Projection Technology	3LCD
Aspect Ratio	16:10
Native Resolution	1920 x 1200 (WUXGA)
Brightness [Lumen]	5200
Contrast Ratio	3000000:1
Projection Factor	1.2 - 2 : 1
Projection Distance [m]	0.75 - 13
Screen Size (cm / inch)	min.: 76.2 / 30 max.: 762 / 300
Zoom / Focus	Manual
Connectivity	Mini D-sub 15 pin In/Out, 2x HDMI, LAN, USB Type A, USB Type B
Power [W AC] Hi-Bright / Normal / ECO / Power-Saving	335 / 177 / 2 / 0.5
Lamp Power: [W / UHP AC]	Laser Phosphor
Lamp Life Normal / ECO [hrs.]	20000
Dimensions (W x H x D) [mm]	405 x 137 x 358
Weight [kg]	7.95
Speakers [W]	1 x 16 (mono)
NaviSet	●

P Series | Professional

PV Series | Professional

	P554W	P554U	P603X	P547UL	P627UL	PV710UL	PV800UL
Order Code	60004330	60004329	60004331	60005761	60005762	60005575 (W) 60005845 (B)	60005578 (W) 60005601 (B)
Projection Technology	3LCD	3LCD	3LCD	3LCD	3LCD	3LCD	3LCD
Aspect Ratio	16:10	16:10	4:3	16:10	16:10	16:10	16:10
Resolution	1280 x 800 (WXGA)	1920 x 1200 (WUXGA)	1024 x 768 (XGA)	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)
Brightness [Lumen]	5500	5300	6000	5400	6200	7100	8000
Brightness in ECO Mode [approx. %]	80	80	80	60	60	90	90
Contrast Ratio	20000:1	20000:1	20000:1	500000:1	600000:1	3000000:1	3000000:1
Lens [mm]	F= 1.7 - 2.2 f= 17.4 - 29.0	F= 1.5 - 2.08 f= 17.2 - 27.7	F= 1.7 - 2.2 f= 17.4 - 29.0	F= 1.5 - 2.1, f= 17.2 - 27.7	F= 1.5 - 2.1, f= 17.2 - 27.7	5 manual lens options; 5 motorized lens options	5 manual lens options; 5 motorized lens options
Projection Factor (std. option)	1.2 - 2.1:1	1.2 - 2.0:1	1.3 - 2.2:1	1.3 - 2.2:1	1.3 - 2.2:1	depending on lens selection (std. option NP13ZL at 1.46-2.95:1)	
Projection Distance [m]	0.8 - 13.5	0.8 - 12.9	0.8 - 13.8	0.8 - 12.9	0.8 - 12.9	0.7 - 50.9	0.7 - 50.9
Screen Size (cm / inch)	min.: 76 / 30 max.: 762 / 300	min.: 76 / 30 max.: 762 / 300	min.: 76 / 30 max.: 762 / 300	min.: 76 / 30 max.: 762 / 300	min.: 76 / 30 max.: 762 / 300	min.: 101.6 / 40 max.: 1270 / 500	min.: 101.6 / 40 max.: 1270 / 500
Lens Adjustment	Manual	Manual	Manual	Manual	Manual	Motorized and manual (depending on lens)	
Connectivity	2 HDMI, HDBaseT, Video, USB A, USB B (for Service), PC Control, D-Sub 15-pin, LAN, Audio: 2 In, 1 Out		2 HDMI, Video, USB A, USB B (for Service), PC Control, D-Sub 15-pin, LAN, Audio: 2 In, 1 Out	Mini D-sub 15 pin, HD-BaseT, 2x HDMI, LAN, Optional WLAN, USB Type B, 2x USB Type A	Mini D-sub 15 pin, HD-BaseT, 2x HDMI, LAN, Optional WLAN, USB Type B, 2x USB Type A	HD-BaseT, HDMI, LAN, USB Type A	HD-BaseT, HDMI, LAN, USB Type A
Power [W AC] Standard / ECO / Power-Saving	422 / 267 / 0.2	431 / 277 / 0.17	414 / 258 / 0.2	293 / 220 / 1.6 / 0.3	318 / 237 / 1.6 / 0.3	434 / 394 / 2.0 / 0.5	462 / 424 / 2.0 / 0.5
Lamp Power: [W / UHP AC]	330	330	330	Laser Phosphor	Laser Phosphor	Laser Phosphor	Laser Phosphor
Lamp Life: Normal / ECO [hrs.]	4000 / 8000	4000 / 8000	4000 / 8000	20'000	20'000	20000	20000
Dimensions (W x H x D) [mm]	420 x 133 x 322	420 x 133 x 322	420 x 133 x 322	480 x 122 x 407	480 x 122 x 407	407 x 499 x 164	407 x 499 x 164
Weight [kg]	4.7	4.8	4.7	9.7	4.7	11.2	11.2
Speakers (mono) [W]	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20	-	-
Education Warranty Available	●	●	●	-	-	●	●
NaviSet	●	●	●	●	●	●	●

PA Series | Professional Advanced

	PA653U	PA703W	PA803U	PA903X	PA703UL	PA804UL	PA1004UL
Order Code	60004120	60004080	60004121	60004118	60004921	60005161 (BK) 60005035 (WH)	60005160 (BK) 60004512 (WH)
Projection Technology	3LCD	3LCD	3LCD	3LCD	3LCD	3LCD	3LCD
Aspect Ratio	16:10	16:10	16:10	4:3	16:10	16:10	16:10
Native Resolution	1920 x 1200 (WUXGA)	1280 x 800 (WXGA)	1920 x 1200 (WUXGA)	1024 x 768 (XGA)	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)
Brightness [Lumen]	6500	7000	8000	9000	7000	8200	10000
Brightness in ECO Mode [approx. %]	80	80	80	80	80	80	80
Contrast Ratio	8000:1	8000:1	10000:1	10000:1	2500000:1	3000000:1	3000000:1
Lens [mm]	optional	optional	optional	optional	optional	optional	optional
Lens: optional bayonet lenses	9	9	9	9	4	9	9
Projection Factor (std. option)	1.3-3.02:1 (NP41ZL)	1.3-3.02:1 (NP41ZL)	1.3-3.02:1 (NP41ZL)	1.3-3.02:1 (NP41ZL)	1.3-3.02:1 (NP41ZL)	1.3-3.02:1 (NP41ZL)	1.3-3.02:1 (NP41ZL)
Projection Distance [m]	0.7 - 50.9	0.7 - 50.9	0.7 – 50.9	0.7 - 50.9	0.7 - 50.9	0.7 - 50.9	0.7 - 50.9
Screen Size (cm / inch)	1270 / 500	1270 / 500	1270 / 500	1270 / 500	1270 / 500	1270 / 500	1270 / 500
Lens Adjustment	Manual / Motorised	Manual / Motorised	Manual / Motorized	Manual / Motorised	Motorized	Manual / Motorised	Manual / Motorised
Connectivity	HDMI: 2 In, DP, D-Sub 15-pin, LAN, USB A, HDBaseT In/ Out, Audio: 1 In, 1 Out, 3D Sync, Remote In			HDMI: 2 In, DP, D-Sub 15-pin, LAN, USB A, HDBaseT In/ Out, Audio: 1 In, 1 Out, 3D Sync, Remote In			
Power [W AC] Standard / ECO / Power-Saving	482 / 376 / 0.26	482 / 376 / 0.26	542 / 376 / 0.26	542 / 376 / 0.26	613 / 556 / 0.16	615 / 350 / 0.28	725 / 395 / 0.28
Lamp Power: Normal / ECO [W / UHP AC]	370 / 280	370 / 280	420 / 280	420 / 280	Laser Phosphor	Laser Phosphor	Laser Phosphor
Lamp Life: Hi Br / Normal / ECO [hrs.]	- / 4000 / 5000	- / 4000 / 5000	- / 3000 / 5000	- / 3000 / 5000	20000	20000	20000
Dimensions (W x H x D) [mm]	499 x 163.7 x 406	499 x 163.7 x 406	499 x 163.7 x 406	499 x 163.7 x 406	580 x 208 x 494	599 x 208 x 490	599 x 208 x 490
Weight [kg]	10.2	10.2	10.2	10.2	18.2	24.1	24.4
NaviSet	●	●	●	●	●	●	●
ProAssist	-	-	-	-	●	●	●

PX Series | Professional Extreme

PH Series | High-End

	PX1004UL	PX2201UL	PH3501QL
Order Code	60004235 (BK), 60004077 (WH)	60005581	60004622
Projection Technology	1-chip DLP™	1-chip DLP™	3-chip DLP™
Aspect Ratio	16:10	16:10	17:9
Native Resolution	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)	4096 x 2160 (4K)
Brightness [Lumen]	10000	20500	35000
Brightness in ECO Mode [approx. %]	80	80	80
Contrast Ratio (DB™ = with DynamicBlack™)	10000:1	10000:1	30000:1
Lens [mm]	optional	H:-15.0,+15.0, V:-50.0,+50.0	optional
Lens: optional bayonet lenses (LM = with lens memory)	8 (6 with LM)	5 optional bayonet lenses	7
Projection Factor (std. option)	depending on lens selection	depending on lens selection	depending on lens selection
Projection Distance [m]	0.86 - 118	0.81 - 84	2.0 - 50.0
Screen Size (cm / inch)	Min: 100 / 40 Max: 1270 / 500	Min: 100 / 40 Max: 1270 / 500	min.: 254 / 100 max.: 2540 / 1000
Lens Adjustment	Motorised	Motorised	Motorised
Connectivity	HD-BaseT, HDMI In/Out, DP, RGB In, 5BNC (incl. Video / S-Video), LAN, optional WLAN, USB A, PC Control, 3D Sync Out, Remote In, OPS slot	5BNC, Mini D-sub 15 pin In/Out, 3G-SDI In/Out, DP, DVI-D, HD-BaseT, 2x HDMI, LAN	HDBaseT, 2 DP, 2 HDMI In, LAN, USB Typ A, PC Control, 3D Sync, 4 x 3G-SDI, Remote-In, OPS slot
Power [W AC] Standard / ECO	1165 / 605	1775 / 1343	4705
Lamp Power: Normal /ECO [W / UHP AC]	Laser Phosphor	RB Laser	RB Laser
Lamp Life: Hi Br / Normal / ECO [hrs.]	20000	20000	20000
Dimensions (W x H x D) [mm]	500 x 211 x 577	530 x 248 x 745	697 x 455 x 1180
Weight [kg]	28	51	169
NaviSet	●	●	●
ProAssist	●	●	-

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Quality, Service, Sustainability

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