Large Format Display - Essential

Sharp MultiSync® E559



Professional performance, affordable value

- Unhindered readability a high-haze panel reduces glare from windows and ambient light, keeping signage content and presentations clear for uninterrupted viewing in any environment
- Standardised functionality shares a common identity with the wider Sharp display portfolio, ensuring unified operation and remote device management, and consistent styling for a seamless user experience.
- Effortless plug-and-play signage the integrated USB MediaPlayer enables native UHD content playback with auto-start functionality, delivering instant digital signage without the need for external hardware or content management systems.
- Flexible orientation designed for both portrait and landscape installation, with uniform bezel width on all sides to ensure a clean, professional look in any configuration.

Options

IoT and Asset Management

NaViSet Administrator 2 Sharp/NEC's software suite that provides monitoring, asset management and control functionality for display devices
Sharp/NEC's software suite that provides monitoring, asset management and control functionality for display devices.

Sharp Information Display Downloader The key software to use when installing and configuring Sharp displays
The key software to use when installing and configuring Sharp displays

Mounting Options

Trolley PD02MHA High-end motorised and height-adjustable mobile stand for dedicated Sharp/NEC large format displays (48" to 98")
High-end motorised and height-adjustable mobile stand for dedicated Sharp/NEC large format displays (48" to 98").

Wall Mount L20PNWALL90EU Universal X-Large flat wall mount for dedicated Sharp/NEC interactive large format displays (50" to 90")
Universal X-Large flat wall mount for dedicated Sharp/NEC interactive large format displays (50" to 90").

Trolley EVER 350 Mobile High-end mobile trolley for dedicated Sharp/NEC large format displays (50" to 98")
High-end mobile trolley for dedicated Sharp/NEC large format displays (50" to 98").

Trolley EVER 350 Mobile Motor High-end mobile trolley offering motorised height-adjustability for dedicated Sharp/NEC large format and interactive displays (50" to 98")
High-end mobile trolley offering motorised height-adjustability for dedicated Sharp/NEC large format and interactive displays (50" to 98").

Trolley PD04 Tipster Stylish and flexible mounting system for dedicated Sharp/NEC large format displays
Stylish and flexible mounting system for dedicated Sharp/NEC large format displays.

Wall Mount PDW S 32-65 L Universal wall mount for dedicated Sharp/NEC large format displays (32" to 65")
Universal wall mount for dedicated Sharp/NEC large format displays (32" to 65"). Landscape orientation.

Wall Mount PDW S 32-65 P Universal wall mount for dedicated Sharp/NEC large format displays (32" to 65")
Universal wall mount for dedicated Sharp/NEC large format displays (32" to 65"). Portrait orientation.

Value Added Services

De-/Re-install Service for Large Format Displays Optional De-/Re-install Service (1st to 3rd year or 1st to 5th year) for dedicated Sharp Large Format Displays
Optional De-/Re-install Service (1st to 3rd year or 1st to 5th year) for dedicated Sharp Large Format Displays

Laser Branding Optional Laser Branding Service for dedicated Sharp Display Products
Optional Laser Branding Service for dedicated Sharp Display Products

Support+ Optional additional services (1st to 3rd year) for dedicated Sharp Display Products
Optional additional services (1st to 3rd year) for dedicated Sharp Display Products

Cables

USB-C 5M 5m USB Type-C cable
5m USB Type-C cable

USB-C 7M 7m USB Type-C cable
7m USB Type-C cable

Specifications

General

Series	[sharp-e-series]
Order Code	PNE559

Display

Active Screen Area Width (mm)	1210
Active Screen Area Height (mm)	680
Aspect Ratio	16:9
Brightness (cd/m²)	350
Colour Depth	1.073 (8bit + FRC)
Contrast Ratio	1200:1
Haze Level (%)	Pro (25)
Panel Refresh Rate (Hz)	60
Panel Technology	IPS with Direct LED backlights
Pixel Pitch (mm)	0.315
Response Time Grey-to-grey (ms)	8
Screen Size (inch)	55
Screen Size (cm)	139
Supported Orientation	Landscape, Portrait
Viewing Angle	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)

Resolution

Native Resolution	3840 x 2160
Supported Resolutions	1280 x 800, 720 x 400, 1920 x 1080, 1920 x 1200, 1280 x 960, 4096 x 2160, 720 x 480, 1440 x 900, 720 x 576, 1280 x 1024, 1360 x 768, 1680 x 1050, 1280 x 720, 1024 x 768 , 3840 x 2160, 1400 x 1050, 640 x 480

Connectivity

Audio Output 3.5mm	Line Out, Audio Output
HDMI In 1	ARC, UHD (60 Hz) HDCP (2.2), CEC, Audio Input, Video Input
HDMI In 2	CEC, Audio Input, Video Input, UHD (60 Hz) HDCP (2.2)
LAN 1	100 MBit/s
RS-232C (bps)	9600
USB-A 1	[usb-20], USB Storage, [45-w], Peripherals
USB-C 1	HDCP (2.2), DP alt. 1.2, Video Input, UHD (60 Hz), 15 W, USB 2.0, Audio Input

Electrical

Power Consumption typ. (W)	100
Power Supply	50/60 Hz, internal, 100-240 V AC
Power Savings Mode (W)	< 0.5, < 2.0 (Networked Standby)

Mechanical

Bezel Width (mm)	10.8
Dimensions Width (mm)	1234
Dimensions Height (mm)	707
Dimensions Depth (mm)	58.9
Packaging Dimensions Width (mm)	1386
Packaging Dimensions Height (mm)	845
Packaging Dimensions Depth (mm)	130
Packaging Weight (kg)	17
VESA Mounting Holes	4
VESA Mounting Screw	M6
VESA Mounting FDMI	400 x 200
Weight (kg)	12
Material	Metal structure. Covers partial in plastic.

Environmental Conditions

Operating Humidity (%)	20 to 80
Operating Temperature (°C)	+0 to +40
Storage Humidity (%)	10 to 80
Storage Temperature (°C)	-20 to 60

MediaPlayer

Supported Audio Formats	MP3 (MP3); max. bit-rate 320 kBit/s
Supported File Storage / File System	USB 2.0 / FAT16, FAT32
Supported Image Formats	JPG (baseline, progressive, RGB, CMYK); max. resolution 15360 x 8640
Supported Video Formats	MPG (MPEG1/2/4, max res 1080p@30Hz); MP4 (MPEG2/4, H.263, H.264, HEVC/H.265, max res 3840x2160@60Hz); TS (MPEG2, H.264, HEVC/H.265, max res 3840x2160@60Hz); audio: LPCM, MP3, AAC; WMV (video H.264, Windows Media Video 9, max res 1080p@30Hz, audio WMA 9, WMA 10 Pro)

Regulatory

Safety and Ergonomics	CE, VCCI, UKCA, RCM, FCC, UL/C-UL

Green Features

Ecological Standards	EnergyStar 8.0
Energy Efficiency Class	G
Energy Consumption (kWh/1000h)	98

3rd Party Certifications

3rd Party Certificate	Q-Sys Plug-in

Additional Features

Audio	Integrated Speakers (2 x 10 W)
Operating Hours	16/7
Remote Management	NaViSet Administrator 2
Shipping Content	Setup Manual, Remote Control , Display, 2 x AAA batteries, Power Cable, Cable Clamps
Special Characteristics	Scheduler
Warranty	3 years warranty incl. backlight

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