LCD 98" Midrange Large Format Display

NEC MultiSync® V984Q





Boosting the viewing experience for digital signage and presentation

For compelling visualisation, NEC's MultiSync® V984Q couples the best UHD viewing experience with worry free operation, yet at the lowest operational investment.

Stunning "pixel-free" ergonomic viewing is smartly merged with reliable colour reproduction for the most realistic and thrilling images with expanded contrast ratios. Eye-pleasing readability under common light conditions is guaranteed thanks to the combination of a brightness output of 500 cd/m² with an anti-glare surface. The modern and slim design is the perfect fit to complement the surrounding architecture as well as for integration into any application and environment. Open Modular Intelligence (OMI) is the smartest way to deliver tailor-made signage solutions, where scalable computing power is seamlessly embedded into the display.

The 98" MultiSync® V984Q is the ultimate expansive choice for life-size advertising in retail stores, leisure and museum environments, hospitality areas and corporate welcome boards as well as for presentations in meeting and board room facilities.

Benefits

Mission-critical 24/7 ready operation – the meticulous selection of industrial-grade components and careful design focused on demanding usage scenarios accompany an impressive and continuous viewer experience.

Enhanced imaging performance – advanced settings of all relevant visual parameters allow full control of brightness, colour, gamma and uniformity via the SpectraView Engine for precise, natural images.

Ease of use and operation – smart installation, operation and maintenance functionality ensures accurate performance over the entire lifetime of the display saving time, effort and resources.

Future-proof signal connectivity and processing – numerous native UHD resolution inputs with 60Hz refresh rate including DisplayPort, HDMI and an option slot for OPS Slot-in PCs, plus automatic upscaling to UHD for other signals, provide "pixel-free viewing" on a large scale.

Future Ready with Open Modular Intelligence Expansion – upgrade the power of your display at any time by seamlessly integrating one of NEC's options for OPS Slot-in PCs, Raspberry Pi compute modules or signal interfaces for content feed and computing.

Specifications

Product Information

Product Name
NEC MultiSync® V984Q

Product Group
LCD 98" Midrange Large Format Display

Order Code
60004318

Display

Panel Technology
IPS with Direct LED backlights

Active Screen Area (W x H) [mm]
2,158.9 x 1,214.4

Screen Size [inch/cm]
98 / 248

Brightness [cd/m²]
500, 350 (shipment setting)

Contrast Ratio (typ.)
1300:1

Viewing Angle [°]
178 / 178 (at contrast ratio > 10:1)

Colour Depth [bn]
1.073 (10bit)

Response Time (typ.) [ms]
8 (grey-to-grey)

Haze Level [%]
Pro (28)

Supported Orientation
Landscape; Portrait

Resolution

Native Resolution
3840 x 2160

Supported Resolutions
1920 x 1080; 3840 x 2160;
1920 x 2160; 4096 x 2160

Synchronisation Rate

Horizontal Frequency [kHz]
31.5 - 91.1

Vertical Frequency [Hz]
24 - 85

Connectivity

Input Video Digital
2 x DisplayPort (with HDCP); 3 x HDMI (with HDCP)

Input Audio Analogue
1 x 3,5 mm jack

Input Audio Digital
2 x DisplayPort; 3 x HDMI

Input Control
1 x LAN 100Mbit; 1 x Remote Control (3.5 mm jack); 1 x RS232

Input Data
1 x microSD (MediaPlayer); 1 x USB 2.0 (Downstream); 1 x USB 2.0 (MediaPlayer); 1 x USB Type-B (Upstream); 2 x USB 2.0 (Compute Module, 1 x 5V/2A powered)

Output Video Digital
1 x DisplayPort (loop through: DisplayPort, OPS slot-in PC)

Output Audio Analogue
1 x 3,5 mm jack

Output Control
1 x LAN 100Mbit

Open Modular Intelligence

OPS Slot
Slot Technology: Open pluggable specification (NEC / Intel OPS standard)

OPS Max. Current / Power Consumption [A / W]
4.7 / 75

Compute Module Slot
Slot Technology: Compute Module 3 Slot (NEC proprietary standard)

Sensors

Ambient Light Sensor
Integrated, triggered actions programmable

Human Sensor
Optional, external, 4-5m range, triggered actions programmable

Temperature Sensor
Integrated, 3 sensors, triggered actions programmable

NFC Sensor
Integrated, 2cm range, free NEC Android App required

Electrical

Power Consumption [W]
380 shipping; 650 (max.)

Power Savings Mode [W]
< 0.5; < 2 (Networked Standby)

Power Management
VESA DPMS

Environmental Conditions

Operating Temperature [°C]
+0 to +40

Operating Humidity [%]
20 to 80

Mechanical

Dimensions (W x H x D) [mm]
Without stand: 2,194 x 1,249 x 93

Weight [kg]
90

Bezel Width [mm]
15.9 (left/right); 15.9 (top/bottom)

VESA Mounting [mm]
4 holes; 400 x 400 (FDMI); 600 x 400 (FDMI); M8

Ingress Protection
IP5x (front); IP2x (back)

Packaging Dimensions (W x H x D) [mm]
2,355 x 1,450 x 414

Packaging Weight [kg]
116

Colour Bezel
Pantone 426M (black)

Material
Metal

MediaPlayer

Supported File Storage / File System
MicroSDHC / FAT16, FAT32; USB 2.0 / FAT16, FAT32

Supported Image Formats
JPG (baseline, progressive, RGB, CMYK); max. resolution 5000 x 5000; PNG (interlace, alpha channel); max. resolution 4000 x 4000

Supported Video Formats
MP4 / MOV / FLV (video H.264, audio MP3, AAC); max. resolution 1080p at 30 Hz, 1080i at 60 Hz; MPG (video mpeg1/2, audio mpeg audio layer2/3, AAC-LC); MP @ ML, MP @ HL; WMV (video H.264, wmv advanced L3, wmv simple / main, audio mp3 wmv std); max. resolution 1080p at 30 Hz, 1080i at 60 Hz

Supported Audio Formats
MP3 (MP3); max. bit-rate 320 kBit/s; WAV (LPCM); max. 48 kHz sampling

Available Options

Accessories
Feet (ST-801); Speaker (SP-TF1); Trolley (PD02MHA); Wall mount (PDW T XL-2)

Compute Module Slot
NEC Compute Module; Raspberry Pi Compute Module 1 and 3

OPS Slot
HDBaseT receiver; Intel® Atom, Celeron and Core CPUs; OPS-2C Quad 3G SDI

Regulatory

Safety and Ergonomics
CE; EAC; EMC Class B; FCC; SASO; TÜV GS; UL/C-UL or CSA; VCCI

Pixel Failure Class
ISO 9241-307, Class 1

Green Features

Energy Efficiency
Ambient Light Sensor; Carbon Savings Meter; ECOMode; Energy Consumption: 310 kWh/1000 h; Energy Efficiency Class: G; Local Dimming

Additional Features

Special Characteristics

12-bit Look Up table; Ambient Light Sensor; AMX NetLinx Support; ASCII Control Commands; Auto ID assignment; Auto tiling function; Automated Email Alert; CEC Support; Cisco Webex Kit compatible; Crestron Connected Support; DICOM Simulation; Display Browser Control; Emergency Notification; HDMI with UHD at 60 Hz; HDR Gamma Support (HLG, PQ); KeyGuide; MediaPlayer with Browser Control; NaViSet Administrator 2 - free download; OmniColor Control; OSD rotation for portrait mode; PIN as theft protection; PJLink Support; Powered USB-Port; Removable Logo; Scheduler; Slim LED Indicator; SNMP Support; TileMatrix (10 x 10); User readable log function

Colour Versions

optional coloured overframes

Audio

Integrated Speakers (10 W + 10 W); Optional Speakers (15 W + 15 W)

Shipping Content

CD-ROM (User Guides/Manuals); Display; DisplayPort Cable; Remote Control; USB cable

Warranty

3 years warranty incl. backlight; optional 4. + 5. year warranty extension [1]

Operating Hours

24/7

[1] please refer to terms and conditions of warranty extensions

VCCI TÜV GS CE

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