

Product Name
MultiSync® C861Q

Product Group
LCD 86" Ultra-High Definition Large Format Display

Order Code
60004031

Display

Panel Technology
IPS with Edge LED backlights

Active Screen Area (W x H) [mm]
1,895 x 1,065.9

Screen Size [inch/cm]
86 / 217

Brightness [cd/m²]
350, 250 (shipment setting)

Contrast Ratio (typ.)
1200:1

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

Synchronisation Rate

Horizontal Frequency [kHz]
31.5 - 91.1

Vertical Frequency [Hz]
24 - 85

Resolution

Native Resolution
3840 x 2160

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

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 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 Eco/max. [W]
230 shipping

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: 1,928 x 1,099 x 74

Weight [kg]
57.8

Bezel Width [mm]
15.3 (left and right); 15.3 (top and bottom)

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

Ingress Protection
IP5x (front); IP2x (back)

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-864QSM, 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

Green Features

Energy Efficiency

Ambient light sensor; Annual energy consumption: 372 kWh (based on 4 operating hours per day); Carbon savings meter; ECOMode; Energy efficiency class: A; 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; 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

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

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

Operating Hours

24/7
