

Collapse All

DISPLAY

Panel Technology

IPS with Edge LED backlights

Active Screen Area (W x H) [mm]

1,649.7 x 927.9

Screen Size [inch/cm]

75 / 189

Brightness [cd/m²]

500, 350 (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

Face Up ¹; Landscape; Portrait

SYNCHRONISATION RATE

Horizontal Frequency [kHz]

31.5 - 91.1

Vertical Frequency [Hz]

24 - 85

RESOLUTION

Native Resolution

Supported Resolutions

1920 x 1080; 1920 x 2160; 4096 x 2160
2160; 3840 x

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

Temperature Sensor

Integrated, 3 sensors, triggered actions programmable

NFC Sensor

Integrated, 2cm range, free NEC Android App required

ELECTRICAL

Power Consumption Eco/max. [W]

155 shipping; 210 (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: 1,681 x 960 x 71

Weight [kg]

53

Bezel Width [mm]

14.8 (left and right); 14.8 (top and 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]

1,830 x 1,190 x 280

Packaging Weight [kg]

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-754QSM, SP-TF1); Trolley (PD02MHA, PD03MHA, PDMHM-L); 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; Carbon savings meter; ECOMode; Energy consumption: 145 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;

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 ²

Operating Hours

24/7