

Collapse All

## DISPLAY

### Panel Technology

S-PVA with edge LED backlights

### Active Screen Area (W x H) [mm]

1,054.1 x 592.9

### Screen Size [inch/cm]

48 / 120.9

### Brightness [cd/m<sup>2</sup>]

440

### Contrast Ratio (typ.)

4000:1

### 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 (25)

### Supported Orientation

Face Up <sup>1</sup>; Landscape; Portrait

## SYNCHRONISATION RATE

### Horizontal Frequency [kHz]

31.5 - 91.1 (analog and digital)

### Vertical Frequency [Hz]

24 - 85

## RESOLUTION

## Native Resolution

1920 x 1080

## Supported Resolutions

4096 x 2160;	1680 x 1050;	1360 x 768;	1024 x 768;
3840 x 2160;	1600 x 1200;	1280 x 1024;	800 x 600;
1920 x 2160;	1440 x 900;	1280 x 960;	640 x 480
1920 x 1200;	1400 x 1050;	1280 x 800;	
1920 x 1080;	1366 x 768;	1280 x 720;	

## CONNECTIVITY

### Input Video Analogue

1 x VGA

### Input Video Digital

1 x DVI-D (with HDCP); 2 x DisplayPort (with HDCP); 2 x HDMI (with HDCP)

### Input Audio Analogue

2 x 3,5 mm jack

### Input Audio Digital

2 x DisplayPort; 2 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 (MediaPlayer); 1 x USB 2.0 (Service); 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)

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

10 / 61

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Compute Module Slot

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

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## SENSORS

Ambient Light Sensor

Integrated, triggered actions programmable

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Human Sensor

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

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Temperature Sensor

Integrated, 3 sensors, triggered actions programmable

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NFC Sensor

Integrated, 2cm range, free NEC Android App required

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## ELECTRICAL

Power Consumption Eco/max. [W]

85 Eco (shipment setting), 105

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Power Savings Mode [W]

< 0.5 (ECO Standby); < 3 (Networked Standby)

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Power Management

VESA DPMS

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## ENVIRONMENTAL CONDITIONS

Operating Temperature [°C]

+0 to +35

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Operating Humidity [%]

20 to 80

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## MECHANICAL

Dimensions (W x H x D) [mm]

1,122.9 x 661.7 x 77.7

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Weight [kg]

28.5

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Bezel Width [mm]

33.4 (left and right); 33.4 (top and bottom)

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VESA Mounting [mm]

300 x 300 (FDMI); 4 holes; M6

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Ingress Protection

IP5X (front); IP2X (back)

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## GLASS

Thickness [mm]

4

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Type

Thermal-tempered, anti-glare coating

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Light Transmission [%]

88 (+/- 1 %)

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## TOUCH

Touch Technology

Infrared Touch

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Number of Touches

Real multi-touch up to 10 touches

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Response Time [ms]

≤ 15

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Touch Method

Finger; Gloves; Stylus (≥ 6 mm)

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Supported Operating System

Android; Linux; Mac OS; Raspberry Pi; Windows

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Data Interface

USB-HID

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Touch Resolution

32767 x 32767

## 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-401); Speaker (SP-TF1); Trolley (PDMHM-L, PD02MHA, PD03MHA); Wall mount (PD02WHM, PDW S 32-55 L and P, PD02W T L L, PD03W T M P)

### Compute Module Slot

NEC Compute Module; Raspberry Pi Compute Module 1 and 3

### OPS Slot

HD-SDI 1.5G, 3G; HDBaseT receiver; Intel® Atom, Celeron and Core CPUs; OPS-2C HDMI + DP Interface; OPS-2C Quad 3G SDI

## GREEN FEATURES

### Energy Efficiency

Ambient light sensor; Carbon savings meter; ECOMode; Human Sensor

### Ecological Materials

Manuals on CD; Optional feet

## ADDITIONAL FEATURES

## Special Characteristics

Ambient Light Sensor; AMX NetLinx Support; ASCII Control Commands; Auto ID assignment; Auto tiling function; Automated Email Alert; CEC Support; Crestron RoomView Support; DICOM Simulation; Display Browser Control; Emergency Notification; Full System Scheduler; Hardware colour calibration possible; Image flip; Intelligent Wireless Data (based on NFC); KeyGuide; MediaPlayer with Browser Control; NaViSet Administrator 2; OmniColor Control; OSD rotation for portrait mode; PLink Support; Point Zoom Function; Powered USB-Port; Programmable 12-bit LUT with 3 memory banks; Removable Logo; Secure Mode Operation; Slim LED Indicator; SNMP Support; TileMatrix (10 x 10); User readable log function; Various picture in picture options

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## Colour Versions

Black Front Bezel, Black Back Cabinet

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## Safety and Ergonomics

C-tick; CE; EAC; EMC Class B; FCC; PSB; RoHS; SASO; TÜV GS; UL/C-UL; UL/C-UL or CSA; VCCI

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## Audio

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

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## Shipping Content

CD-ROM (User Guides/Manuals); Display; DVI-D cable; Power Cable; Remote Control; USB cable; User Manual

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## Warranty

3 years warranty incl. backlight; additional services available; optional 4. + 5. year warranty extension <sup>2</sup>