

DISPLAY

Panel Technology

VA with Direct LED backlights

Screen Size [inch/cm]

50 / 125.7

Aspect Ratio

16:9

Brightness [cd/m²]

400

Contrast Ratio (default)

> 8000:1

Viewing Angle [°]

178 horizontal / 178 vertical (typ. at contrast ratio 10:1)

Colour Depth [bn]

1,073 (8bit + FRC)

Response Time (typ.) [ms]

8

Panel Refresh Rate [Hz]

60

Supported Orientation

Landscape; Portrait

GLASS

Type

Thermal-tempered, anti-glare coating

Thickness [mm]

3

Light Transmission [%]

92 (+/- 2 %)

Haze Level [%]

4

Hardness [H]

7

SYNCHRONISATION RATE

Horizontal Frequency [kHz]

26 - 135

Vertical Frequency [Hz]

23 - 86

RESOLUTION

Native Resolution

3840 x 2160

Supported Resolutions

1024 x 768; 1280 x 768; 1400 x 1050; 1920 x 1050; 1920 x 1080; 1920 x 1200; 1920 x 2160; 2560 x 1440; 2560 x 1600; 2560 x 2160	768; 1400 x 1050; 1440 x 1050; 1920 x 1200; 1650 x 1200	1050; 1920 x 1080; 1920 x 1200; 1920 x 2160	1440; 2560 x 1600; 3840 x 2160
1024; 1280 x 720; 1360 x 768; 1366 x 768	900; 1600 x 1200; 1650 x 1200	1200; 1920 x 2160; 2560 x 2160	2160; 4096 x 2160

CONNECTIVITY

Input Video Digital

1 x DisplayPort (with HDCP); 2 x HDMI (with HDCP)

Input Audio Digital

1 x DisplayPort; 2 x HDMI

Input Control

LAN 100Mbit; remote control wire (3,5mm jack); RS232

Input Data

1 x USB 2.0 (MediaPlayer)

Output Audio Analogue

1 x 3,5 mm jack

Input Detect

Custom; First; Last

OPEN MODULAR INTELLIGENCE

Intel® SDM

accepts Intel® Smart Display Modules Large and Small up to 66 W

Compute Module Slot

RPi Compute Module 4

SENSORS

Temperature Sensor

Integrated, 3 sensors, triggered actions programmable

Power Consumption Eco/max. [W]

85 shipping

Power Savings Mode [W]

< 0.5; < 2 (Networked Standby)

Power Management

VESA DPMS

Power Supply

100-240 V AC; 50/60 Hz

ENVIRONMENTAL CONDITIONS

Operating Temperature [°C]

+0 to +35

Operating Humidity [%]

20 to 80

Storage Humidity [%]

10 to 90

Storage Temperature [°C]

-20 to 60

MECHANICAL

Dimensions (W x H x D) [mm]

1,143 x 661.5 x 80

Weight [kg]

27.8

Bezel Width [mm]

18.95 (left and right); 20 (top and bottom)

VESA Mounting [mm]

4 holes; 400 x 400 (FDMI); M6

Ingress Protection

IP5x (front); IP2x (back)

Packaging Dimensions (W x H x D) [mm]

Box 1: 1,298 x 860 x 224

Packaging Weight [kg]

Box 1: 34.6

TOUCH

Touch Technology

Infrared

Number of Touches

Real multi-touch up to 20 touches

Frame Rate [Hz]

125

Touch Method

Finger; Gloves; Stylus (≥ 2 mm)

Supported Operating System

Android; Linux; Mac OS; Raspberry Pi; Windows

Data Interface

USB-HID

Accuracy [mm]

+/- 2

Palm Rejection

no

Windows Ink

no

MEDIAPLAYER

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)

Supported Audio Formats

MP3 (MP3); max. bit-rate 320 kBit/s

AVAILABLE OPTIONS

Accessories

Feet (ST-401; ST-43M); Passive Pens (CB-PENS-3); Presence Sensor (KT-RC3); Soundbar (SP-ASCM-IQ2; SP-ASCM-2; SP-AS2); Speaker (SP-RM3a); Trolley (PD04Tipster); Wall mount (PDW S 32-55 L/P)

GREEN FEATURES

Energy Efficiency

Energy consumption: 85 kWh/1000 h; LED backlight

Ecological Standards

EnergyStar 8.0

ADDITIONAL FEATURES

Special Characteristics

HDMI ARC; Powered USB Port (10 W)

Safety and Ergonomics

BSMI; CE; EAC; EMC Class B; Energy Star 8; FCC Class B; KC/KCC; PSB; RCM; RoHS; VCCI

Pixel Failure Class

ISO 9241-307, Class 1

Audio

Integrated Speakers (10 W + 10 W)

Shipping Content

2x AAA batteries; Display; HDMI Cable; Power Cable; Remote Control; Setup Manual; USB cable

Warranty

3 years warranty incl. backlight; additional services available

Operating Hours

18/7

External Control

AMX NetLinx Support; ASCII Control Commands; Crestron Connected; HDMI CEC; HTTP Browser; PJLink; Scheduled Timer; SNMP

Remote Management

Automated Email Alerts; NEC NaViSet Administrator 2

Security

Disable HW Buttons; Disable IR Functionality; Disable IR Functionality; Emergency Notification; Emergency Notification