

**TOUCHSCREENS****INFORMATION****23.8" Full HD In-cell PCAP 10pt interactive Touch Panel PC with Android OS, IPS panel technology, anti glare coating, PoE Technology and iiSignage<sup>2</sup>**

The ProLite TW2424AS-B3P interactive Touchpanel-PC is a perfect choice for high-use environments. The IPS panel, integrated in a slim and elegant bezel, delivers both excellent colour performance with wide viewing angles and noticeably sharper images. The In-cell 10tp PCAP touch technology ensures a fluid and natural touch experience. This monitor can operate in landscape, portrait and face-up orientation in 24/7 operating time. Thanks to the pre-installed Android 14 operating system, it is possible to easily customize the monitor by installing applications directly to it. In combination with the 32GB storage, Wi-Fi connection, LAN (RJ45) and Bluetooth connectors, it makes the monitor especially suited for POS systems or information points in retail shops to educate customers about your products, as well as virtually limitless smart home applications. Thanks to Power over Ethernet (PoE), both power and data are delivered through a single cable, simplifying installation and reducing additional cables.

Additionally, it integrates effortlessly with [iiSignage<sup>2</sup>](#), iiyama's Content Management System (CMS), giving you full control over your messages and advertising.



## Connectivity

The RJ45 (LAN) connector supporting Power over Ethernet technology (POE) allows to provide both data connection and power by a single cable, which simplifies installation in areas where many cables would interfere with the environment.

## Android OS

Thanks to Android OS, you can easily customize the display to your needs by installing applications directly to it.



## iiSignage<sup>2</sup>

iiSignage<sup>2</sup> is our digital signage content management platform to easily show and control your content and to manage your displays in a secure way. The Content Management System (CMS) gives you total control of your messaging and advertising remotely and safely.

## SPECIFICATION

### 01 DISPLAY CHARACTERISTICS

Design	Thin bezel
Diagonal	23.8", 60.5cm
Panel	IPS
Native resolution	1920 x 1080 (2 megapixel HD)
Aspect ratio	16:9
Brightness	450 cd/m <sup>2</sup> with touch
Static contrast	1000:1 with touch
Response time (GTG)	14ms
Viewing zone	horizontal/vertical: 178°/178°, right/left: 89°/89°, up/down: 89°/89°
Colour support	16.7mln 8bit
Horizontal Sync	31. - 83.kHz
Viewable area W x H	527 x 296.5mm
Pixel pitch	0.275mm
Bezel colour and finish	black, matte

### 02 TOUCH

Touch technology	projective capacitive
Touch points	10 (HID, only supported by integrated OS, external OS only support single touch)
Touch method	finger, glove (latex), capacitive stylus
Touch interface	USB

### 03 INTERFACES / CONNECTORS / CONTROLS

Audio input	Mini jack x1
Digital signal output	USB-C x1 (1x v. 3.2 (Gen 1, video output and touch board function – mirror screen))
Audio output	Speakers 2 x 5W
HDCP	yes
USB ports	x2 (1x v. 3.2 (Gen 1, 5Gbit; DC5V, 900mA), 1x 2.0 (DC5V, 500mA))
RJ45 (LAN)	x1 (PoE - IEEE802.3at/72W (1000M))
Microphone	x1

### 04 FEATURES

Integrated software	Android 14 with GMS
SOC	Octa-core RK3576 (4x A53 + 4x A72)
GPU	ARM G52 MC3
Storage	32GB eMMC
Memory	4GB LPDDR4

<b>WiFi</b>	IEEE802.11ax/ac/a/b/g/n
<b>Bluetooth</b>	5.3
<b>Extra</b>	auto-rotation, 2x5W speakers, dual microphone, anti-glare coating, PoE, iiSignage <sup>2</sup>
<b>Max. non-stop operating time</b>	24/7
<b>Anti image retention</b>	yes
<b>Glass hardness</b>	6H
<b>OSD key lock</b>	yes

## 05 GENERAL

<b>Control buttons</b>	Power switch, volume/ button +, volume/ button -
<b>Applications</b>	Applications: lock application, manage restart time, manage power on/off time, calculator, calendar, Chrome, alarm/clock/timer/stopwatch, manage files & folders, organize albums, Gmail, Google, iiSignage <sup>2</sup> , play audio files, Play store, system preferences, sound recorder, play video
<b>Flicker free</b>	yes

## 06 MECHANICAL

<b>Orientation</b>	landscape, portrait, face-up
<b>VESA mounting</b>	100 x 100mm
<b>Cable management system</b>	yes
<b>MTBF</b>	50000 hours (excluding backlight)

## 07 ACCESSORIES INCLUDED

<b>Cables</b>	power (1.8m)
<b>Guides</b>	quick start guide, safety guide
<b>Other</b>	AC adapter
<b>Cable cover</b>	yes

## 08 POWER MANAGEMENT

<b>Power supply unit</b>	external
<b>Power supply</b>	DC 12 V
<b>Power usage</b>	17.5W typical, 0.5W stand by, 0.3W off mode

## 09 SUSTAINABILITY

<b>Regulations</b>	CE, EAC, RoHS support, ErP, WEEE, REACH, UKCA
<b>REACH SVHC</b>	above 0.1%: Lead

## 10 DIMENSIONS / WEIGHT

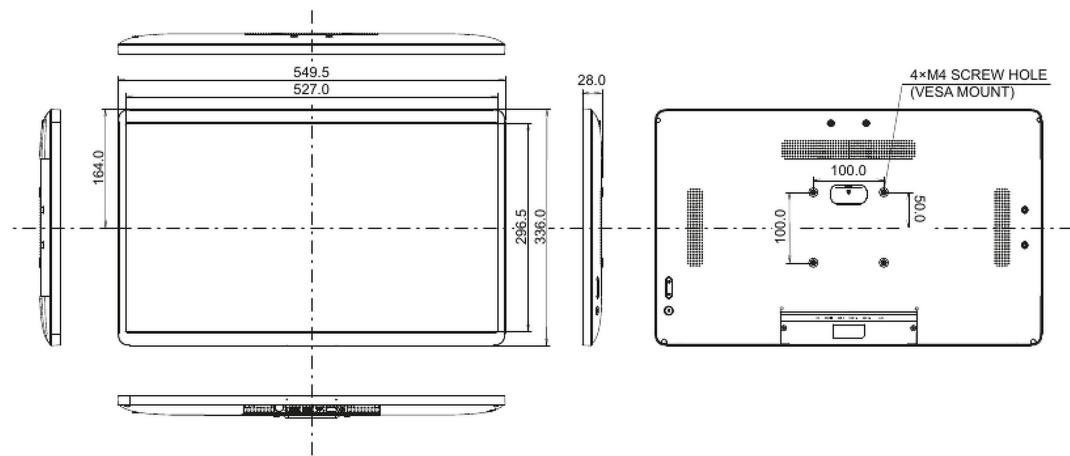
<b>Product dimensions</b>	550 x 336 x 28mm
<b>W x H x D</b>	

**Box dimensions W x H x D** 640 x 410 x 121mm

**Weight (without box)** 4,24kg

**Weight (with box)** 6.2kg

**EAN code** 4948570127153





All trademarks and registered trademarks acknowledged. E & O E. Specification subject to change without notice. All LCD's comply with ISO-9241-307:2008 in connection with pixel defects. © IIYAMA CORPORATION. ALL RIGHTS RESERVED