

IPPC-10SLB

(R24-6701)

Intel Panel PC



Product Overview

The IPPC-10SLB (R24-6701) is our latest 10-inch Intel Panel PC. Powered by the Intel N50 processor and with 8GB of memory, it is designed for superior performance. Running Windows 10 IoT, the IPPC-10SLB (R24-6701) integrates seamlessly into your existing IT ecosystem. Installation of the IPPC-10SLB (R24-6701) is made easy thanks to its low power consumption and PoE+ capability, removing the need for complex cabling plans by providing both power and data over one cable. Additionally, the VESA mounting frame ensures the device is compliant with most stands and mounts. The IPPC-10SLB (R24-6701) comes with our iconic full RGB surround LED bar to signal status updates or room availability. The touch panel supports 10-point touch functionality, reaches a brightness up to 500 cd/m2 and receives a non-glare treatment. This makes it our most powerful Intel Panel PC to date, and will provide the best user experience there is.



Elevate your interactive experience with the IPPC-10SLB. Equipped with an Intel N50 processor and 8GB of memory, the IPPC-10SLB features a high-performance processor ready for any application.



Powered by Windows 10 IoT, the IPPC-10SLB provides a secure and highly intuitive operating system that integrates seamlessly into your existing IT ecosystem.



Enjoy a simplified installation process with the IPPC-10SLB. This Intel Panel PC is easily installable due to its PoE+ capability and VESA mounting frame.

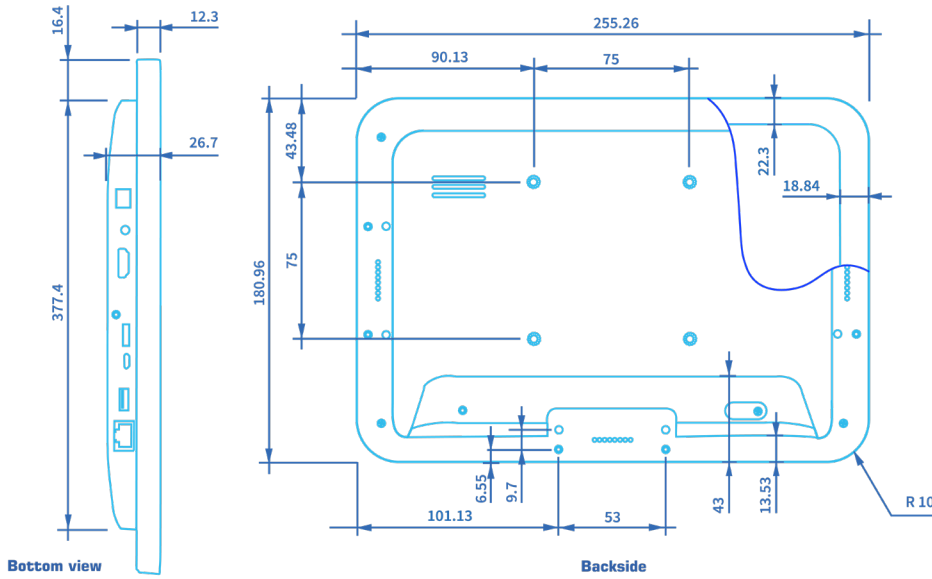


From room signage to point-of-sale solutions, easily employ efficient signalling via our iconic full RGB surround LED bar.



The IPPC-10SLB comes with a new non-glare coating, contributing to a more comfortable viewing experience by reducing reflections, enhancing visibility and diminishing eye strain.

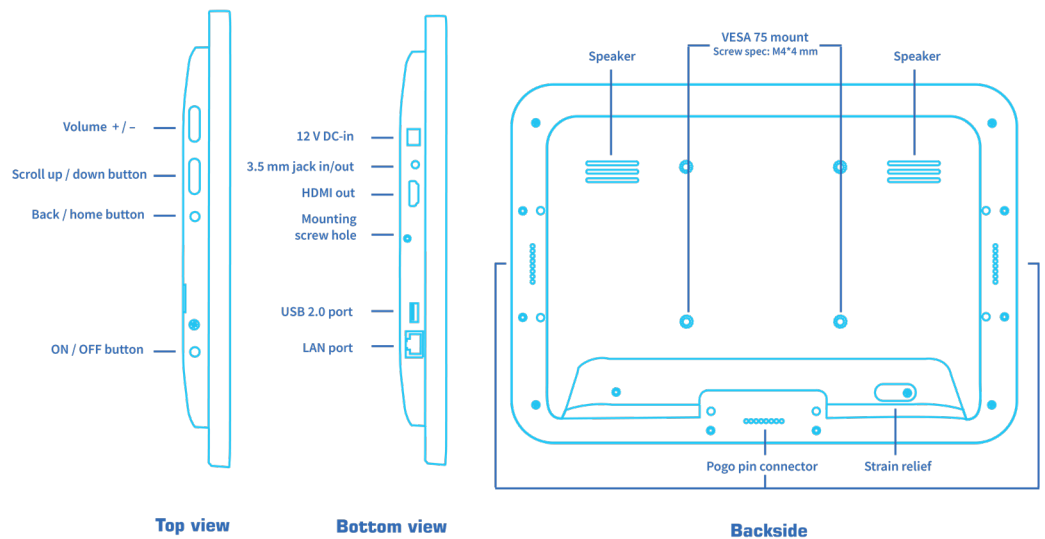
Technical Drawing



Sustainability

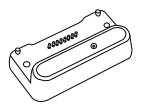
At ProDVX we are committed to doing our part when it comes to the environment. Our products are designed to have the lowest possible impact on the environment, from inception to product retirement. We also strive to operate our offices and warehouse in a carbon-neutral manner. Our aim is to lead the way in conducting responsible business in the digital signage hardware industry.

I/O Overview

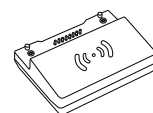


Optional Accessories

- GM-75_(8080850) VESA 75 compatible glass mount
- PS-75_(8086100) VESA 75 compatible triangular stand
- DS-75_(8075000) VESA 75 compatible desk stand
- TS-10_(8085100) VESA 75 compatible table stand



Camera
(9010200)



NFC module
(9010100)



Barcode scanner
(9010300)

Product Specifications

Certification:

UKCA,CE,FCC,RoHS,REACH

Performance

CPU model	Intel Pentium Processor N Series
CPU type	Dual-core N50
CPU speed	up to 3.4GHz
GPU type	Intel UHD Graphics
GPU speed	up to 750MHz
RAM	8GB
RAM type	SO-DIMM DDR4
Storage	128GB
Storage type	SSD M2
External storage	via USB
OS	Windows 10 IoT LTSC

Special

PoE	IEEE 802.3at (PoE+)
IEEE 802.1x	LAN & WiFi, PEAP/TLS/TTLS
Cooling	Fanless
HDMI-in	N.A.
HDMI-out	Yes, HDMI out
WiFi	optional (M.2)
Bluetooth	optional (M.2)
LAN	10/100/1000 Mbps LAN
Audio internal	2 x 2 W
Audio external	3.5mm jack in/out
Microphone	YES
USB ports	1x USB 2.0 type A
OTG	N.A.
Other ports	N.A.
PoGo slots	3x (bottom/left/right)
NFC	via PoGo & USB
Camera	via PoGo & USB
Barcode scan	via PoGo & USB
LED	Surround LED Bar (full RGB)
Operating hrs	24h / 7d
MTBF	45,000 hours demonstrated
Clock batt.	CR2032 Lithium metal, non rechargeable
Alternative OS	Ubuntu 22.04
Power input	12 V / 2 A (EU, UK, US)
Operating temp	0 ~ 40 degrees C
Storage temp	-10~55 degrees C
Humidity	10 ~ 90 % non-condensing
Warranty	3 years
Orientation	Landscape,Portrait
SIM card slot	N.A.
Power usage	10 ~ 20 Watt
OSD language	Multi OSD language

Panel

LCD	1280x800xRGB@60Hz
Type	TFT LCD IPS
Size	10.1
Contrast	800 to 1
Viewing Angle	H160 / V160
Colours	8 bit LVDS (16.7M) 72%NTSC CIE1931
Response time	30 ms
Backlight	Edge-LED backlight
BLU	500 cd/m2
Cover glass	>6H - 1.55mm
Treatment	Non-glare
Haze	2~8%
Touch type	10 TP Pcap 10ms

Frame

Size	255,3 x 181 x 26,7 mm
Weight	650 g
Material	ABS+PC (Macrolon)
VESA	VESA 75
Color	Black

Multimedia support

Image format	JPG,JPEG,PNG,BMP,GIF
Audio format	AAC,MP3,WMA
Video format	AVI,H.264,MKV