

**Model A (4:3) | 12.1" Display - IPC-12A**

Product ID 1601889/11


**»» Overview**

The IPC-12A Industrial Panel PC is a compact, durable, and high-performance solution designed for process automation. Featuring a **12.1-inch touchscreen**, it offers seamless operation in demanding environments. Its rugged **aluminum housing**, **IP65**-rated front panel, and **fanless passive cooling** ensure silent operation, longevity, and resistance to dust and water, making it ideal for clean and industrial settings. With a wide operating temperature range and **expandability** via a mini PCIe slot, the IPC-12A provides exceptional flexibility to adapt to various applications and requirements.

**»» Specifications**

Indupulse IPC-12A   Industrial Touchscreen Panel PC		
<b>Hardware</b>	Processor	Intel® Celeron i7-7500U
	Pomnilnik	16 GB RAM (DDR4)
	Storage Capacity and Type	512 GB SSD
	Expansion Slots	1 x mini PCIe
	Connectivity Options	Wi-Fi, Bluetooth, Ethernet (RJ45)
<b>Inputs/Outputs</b>	HDMI	1 x HDMI
	USB	2 x USB 3.0
	Network (LAN)	2 x RJ45 GigE
	COM	2 x COM (RS232)
	Power Supply	100-240 V AC
	Audio	1 x 3.5 mm audio
	Other	Cutomized Interface available
<b>Display</b>	Screen Size	12.1"
	Display Type	Capacitive Touchscreen LCD Display
	Aspect Ratio	4:3
	Resolution	1024 x 768
	Response Time	< 5 ms
	Touch Accuracy	< 2.5 mm
	Dimensions	246 x 184.5 mm
	Contrast Ratio	500:1
	Number of Touch Points	10-Point Capacitive Touch
	Lifespan	36 Million touches at single point
	Brightness	250 cd/m <sup>2</sup>
	Backlight Lifespan	50.000 ur
	Color Depth	16.7 M
	Viewing Angle (H/V°)	178°/178°
	Transparency	≥ 90 %
	Protection	IP65 Rated for Water and Dust Resistance Screen Protected with PVC Protective Film

<b>Physical Properties</b>	Enclosure	Aluminium
	Color	Black, Gray
	Cooling system	Fanless Passive Cooling
	Panel Indicator Light	Power Status, Hard Drive Status
	Overall Dimensions (H x D x W)	315 x 254 x 56.8 mm
	Weight	4 kg (Net), 4.5 kg (Gross)
<b>Additional Features</b>	Operating System	Windows 11 Pro
	Operating Environment Conditions	-10 – 55 °C
	Storage Conditions	-30 – 70 °C
	Humidity Range	10 – 95% RH at 40°C, non-condensing conditions
	Mounting Options	Panel Mount, VESA 100 x 100 mm, Wall Mount, Desktop Mount
	Cutout Dimensions for Installation	303 x 242 mm
	Power Consumption	25 W
	Package Size	38 x 27 x 13 cm
<b>Additional Components</b>	Certifications	CCC, CE, FCC, ISO 9001, BIS
	Documentation	User Manual, CE Declaration, Warranty Certificate
	Mounting Bracket	Wall and Panel Mount Brackets (Included) Desktop Stand (Available for Order)
	Power Adapter	12V / 5A Power Adapter with 2-meter Cable

## »»» Technical Drawing

Unit: mm



Contact us for a quote!

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