

Panel PC 15

Intel® Processor N100 · CPN07564 · UPC 818391009713

 chip pc TECHNOLOGIES



Fanless touch panel for industrial control — front IP65, dual LAN and dual serial.

Key features

Front IP65, fanless

Operating -20°C to $+60^{\circ}\text{C}$. Storage -30°C to $+70^{\circ}\text{C}$.

15" · 1024×768 · 4:3 · 300 cd/m²

Integrated touch display. HDMI output.

Dual LAN and dual COM

2× RJ45. 2× DB9, RS232 / RS422 / RS485.

Resistive or capacitive

5-wire resistive, or 10-point capacitive.

Front

 Front view of the Panel PC 15

I/O

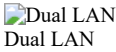
 I/O of the Panel PC 15: HDMI, dual LAN, dual COM, USB, 9–36 V DC

I/O & Connectivity

Ethernet	2× RJ454× LAN available
Serial	2× DB9RS232 / RS422 / RS485
USB	4× USB 2.0 · 2× USB 3.0Extended I/O: 4× RS232 · 10× GPIO
Power	9–36 V DCAT/ATX switch · remote on/off

The Chip PC Panel PC 15 is a fanless industrial touch panel PC for machine interfaces and embedded control. The display is 15-inch, 1024×768 (4:3), 300 cd/m², with a front IP65 bezel. It uses an Intel® Processor N100 (4 cores / 4 threads) and one DDR4 SODIMM slot, up to 16 GB. Storage bays are M.2 SATA, 2.5-inch SATA and M.2 2280 NVMe. Ports include two RJ45 LAN, two DB9 serial ports (RS232, RS422 or RS485), HDMI, audio line-out, four USB 2.0 ports and two USB 3.0 ports, four extra RS232 ports and ten GPIO lines. Touch is 5-wire resistive or 10-point capacitive. Operating range is –20 °C to +60 °C, on 9–36 V DC. Supported systems are Windows 10/11, WES 10 and Linux.

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Processor & memory

CPU	Intel® Processor N100
Clock	Base 0.8 GHz · turbo up to 3.4 GHz
Cores / threads	4 cores / 4 threads
Cache	6 MB
Memory	1× DDR4 SODIMM, up to 16 GB
Graphics	Integrated Intel graphics, panel display and HDMI

Storage & display

Bays	1× M.2 2242/2260/2280 SATA · 1× 2.5" SATA · 1× M.2 2280 NVMe
Display	15-inch, 1024×768 (4:3), 300 cd/m²
Touch	5-wire resistive or 10-point capacitive
Front	IP65
Chassis	Fanless

I/O interface

LAN	2× RJ45 · 4× LAN available
Serial	2× DB9 COM, RS232 / RS422 / RS485
USB	4× USB 2.0 · 2× USB 3.0
Video / audio	1× HDMI · audio line-out
Extended I/O	4× RS232 (3-wire) · 10× GPIO · remote switch
Other	Power button · AT/ATX switch

Power / environment / warranty

DC input	9–36 V
Operating temp.	–20 °C to +60 °C
Storage temp.	–30 °C to +70 °C

OS supported Windows 10/11, WES 10, Linux
Warranty 3-year hardware · optional years 4 & 5

Front
 Front view of the Panel PC 15

I/O
 I/O of the Panel PC 15: HDMI, dual LAN, dual COM, USB, 9–36 V DC

Available options

8 GB DDR4 · 256 GB SSD · Wi-Fi · Wi-Fi and Bluetooth · speaker · 4× LAN · 4G · 4G with GPS · Windows 10/11 license · COM breakout cable · COM and GPIO breakout cable · 2× 8 Ω 1 W amplifier

About ChipPC

Chip PC Technologies designs and manufactures thin clients, mini PCs, industrial PCs and endpoint software. Founded in 2000 in Israel and part of Accel Solutions. Windows fleets: XcaliburW. ThinX OS fleets: Xcalibur Global.

Email
info@chippc.com
Web
chippc.com

Order information

OS	UPC	Part #	Model / description
Not included	818391009713	CPN07564	Panel PC 15 N100 · Intel® Processor N100 · 15" · 1024×768 · 4:3 · 300 cd/m² · front IP65 · fanless · 4× USB 2.0 · 2× USB 3.0 · dual LAN · dual COM · RAM, SSD and OS not included

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