

Panel PC 15.6

Intel® Processor N100 • CPN07554 • UPC 818391009645



Panel PC 15.6 on a factory cabinet shelf

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

Key features

Front IP65, fanless

Operating –20 °C to +60 °C. Storage –30 °C to +70 °C.

15.6" • 1920×1080 • 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 15.6

I/O

I/O of the Panel PC 15.6: HDMI, dual LAN, dual COM, USB, 9–36 V DC

I/O & Connectivity

Ethernet

2× RJ45

4× LAN available

Serial

2× DB9

RS232 / RS422 / RS485

USB

4× USB 2.0 • 2× USB 3.0

Extended I/O: 4× RS232 • 10× GPIO

Power

9–36 V DC

AT/ATX switch • remote on/off

The Chip PC Panel PC 15.6 is a fanless industrial touch panel PC for machine interfaces and embedded control. The display is 15.6-inch, 1920×1080 (16:9), 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.



Fanless



Dual LAN



Dual COM



HDMI



M.2

Request a Quote

Industrial PCs

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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

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

Front



Front view of the Panel PC 15.6

Storage & display

Bays	1× M.2 2242/2260/2280 SATA • 1× 2.5" SATA • 1× M.2 2280 NVMe
Display	15.6-inch, 1920×1080 (16:9), 300 cd/m²
Touch	5-wire resistive or 10-point capacitive
Front	IP65
Chassis	Fanless

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

I/O



I/O of the Panel PC 15.6: 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.

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Order information

OS	UPC	Part #	Model / description
Not included	818391009645	CPN07554	Panel PC 15.6 N100 • Intel® Processor N100 • 15.6" • 1920×1080 • 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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