

# Panel PC 10.1

Intel® Processor N100 • CPN07561 • UPC 818391009676



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.

#### 10.1" • 1280×800 • 400 cd/m²

Integrated touch display. HDMI output.

#### Dual LAN and dual COM

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

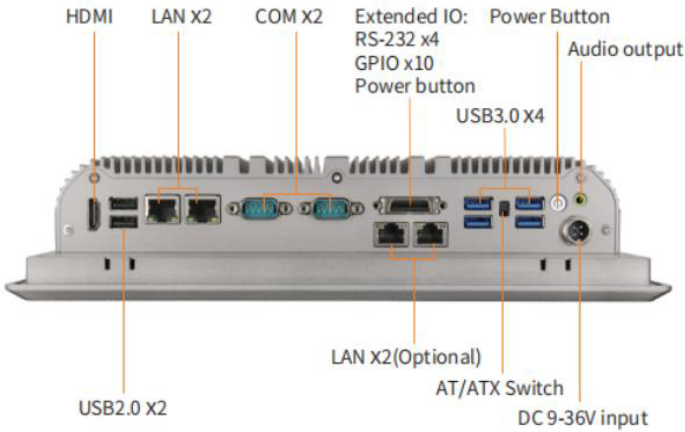
#### Resistive or capacitive

5-wire resistive, or 10-point capacitive.

#### Front



#### I/O



### 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 10.1 is a fanless industrial touch panel PC for machine interfaces and embedded control. The display is 10.1-inch, 1280×800 (16:10), 400 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

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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          | 1x DDR4 SODIMM, up to 16 GB                       |
| Graphics        | Integrated Intel graphics, panel display and HDMI |

I/O interface

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



Available options

8 GB DDR4 • 256 GB SSD • Wi-Fi • Wi-Fi and Bluetooth • speaker • 4x LAN • 4G • 4G with GPS • Windows 10/11 license • COM breakout cable • COM and GPIO breakout cable • 2x 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 | 818391009676 | CPN07561 | Panel PC 10.1 N100 • Intel® Processor N100 • 10.1" • 1280x800 • 400 cd/m² • front IP65 • fanless • 4x USB 2.0 • 2x USB 3.0 • dual LAN • dual COM • RAM, SSD and OS not included |

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Storage & display

|         |                                                              |
|---------|--------------------------------------------------------------|
| Bays    | 1x M.2 2242/2260/2280 SATA • 1x 2.5" SATA • 1x M.2 2280 NVMe |
| Display | 10.1-inch, 1280x800 (16:10), 400 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 |

