

# Panel PC 10.1

Intel® Core™ Ultra 5 125U • CPN07563 • UPC 818391009706

Panel PC 10.1 on a factory cabinet shelf

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

### Key features

|                                                                                     |                                                                               |                                                                         |                                                                             |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <b>Front IP65, fanless</b><br>Operating –20 °C to +60 °C. Storage –30 °C to +70 °C. | <b>10.1" • 1280×800 • 400 cd/m²</b><br>Integrated touch display. HDMI output. | <b>Dual LAN and dual COM</b><br>2× RJ45. 2× DB9, RS232 / RS422 / RS485. | <b>Resistive or capacitive</b><br>5-wire resistive, or 10-point capacitive. |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------|

Front



I/O



### I/O & Connectivity

|                                                       |                                                         |                                                                                   |                                                                   |
|-------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------|
| <b>Ethernet</b><br><b>2× RJ45</b><br>4× LAN available | <b>Serial</b><br><b>2× DB9</b><br>RS232 / RS422 / RS485 | <b>USB</b><br><b>4× USB 3.0 • 2× USB 2.0</b><br>Extended I/O: 4× RS232 • 10× GPIO | <b>Power</b><br><b>9–36 V DC</b><br>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® Core™ Ultra 5 125U (12 cores / 14 threads) and two DDR5 SODIMM slots, up to 64 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 3.0 ports and two USB 2.0 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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Industrial PCs



Fanless

Fanless



Dual LAN

Dual LAN



Dual COM

Dual COM



HDMI

HDMI



M.2

M.2

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## Processor & memory

|                 |                                                   |
|-----------------|---------------------------------------------------|
| CPU             | Intel® Core™ Ultra 5 125U                         |
| Clock           | Turbo up to 4.3 GHz                               |
| Cores / threads | 12 cores (2 P + 8 E + 2 LP) / 14 threads          |
| Cache           | 12 MB                                             |
| Memory          | 2× DDR5 SODIMM, up to 64 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 3.0 • 2× USB 2.0                      |
| 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



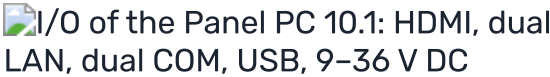
## Storage & display

|         |                                                              |
|---------|--------------------------------------------------------------|
| Bays    | 1× M.2 2242/2260/2280 SATA • 1× 2.5" SATA • 1× M.2 2280 NVMe |
| Display | 10.1-inch, 1280×800 (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 |

I/O



## Available options

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 | 818391009706 | CPN07563 | Panel PC 10.1 Ultra 5 • Intel® Core™ Ultra 5 125U • 10.1" • 1280×800 • 400 cd/m² • front IP65 • fanless • 4× USB 3.0 • 2× USB 2.0 • dual LAN • dual COM • RAM, SSD and OS not included |

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