











Panel PC

P10J

- Full 10.1-inch HD display, the IP65-rated front panel protects against water and dust ingress
- Powered by an 11th generation Intel Celeron processor, equipped with Windows 11 operating system
- Excellent environmental adaptability, anti-electromagnetic interference and anti-static capabilities
- Fanless design, using large-area uniform heating fin, running 24/7 without affecting reliability and service life
- Rich interfaces, including multiple USB/LAN/HDMI and other I/O ports, easily meet various scenario requirements
- Dual-band Wi-Fi, Bluetooth 4.2, and expandable 4G (M.2 interface), multiple network connection modes
- Wide voltage and temperature design, can operate normally even under external voltage fluctuations or in extremely hot or cold conditions
- Standard PPC mounting hook component, easy to install and supports various installation methods such as embedded and wall-mounted



				
N5100 Processor	Windows 11 Operating System	10.1 inch screen	700cd/m ² Brightness	800*1280 Screen resolution
				
Dual-band WiFi	Running 24/7 without affecting reliability	Rich interface extensions	storage expansion	IP65

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Specifications



CPU

N5100 Processor



Operating System

Windows 11 Home
Optional: Windows 11 pro



Memory

RAM: 8GB
ROM: 128GB
(M.2 interface, SATA III signal)



Display

Type: LCD
Size: 10.1 inch 16:10
Resolution: 800×1280
Brightness: 700 cd/m²



Touch Panel

10 PCAP, G+G



Dimension/Weight

257.2*170*45.95mm
1.2kg



Buttons

Power (with indicator) *1



Speaker

Optional: Built in 4 Ω/2W,
one for two



WiFi

WiFi chip intel 9461
Frequency band: WiFi 802.11 (a/b/g/n/ac)
2.4G+5.8G dual frequency WiFi



Bluetooth

BT4.2 (BLE)



WAN (Optional)

2G/3G/4G



I/O Interface

Standard SIM card *1
Standard USB-A
USB3.0*2 USB2.0*2
DC 12V Power connector *1
φ 3.5mm Standard Earphone Jack *1
RJ45 *2, 10M/100M/1000M adaptive
HDMI 2.0a Mini *1
RS232 *2
Optional:
Extensive Slot SATA/Phoenix Terminal/TPM



Certification

Front panel IP65



Rugged Features

Working temperature: -20 °C to 60 °C
Storage temperature: -30 °C to 70 °C
Humidity: 95% Non-Condensing



Adapter

Input: 100~240V AC 50/60Hz
Output: 12VDC4.0A