RT-P18J

18.5" Windows Industrial Panel PC

Model specifications



Display: 18.5-inch
Operating system: Windows 11 Pro
Protection: Front panel IP65
Processor: Intel Celeron N5100

Product Form

Specification	Value
Product Form	18.5" Windows Industrial Panel PC
Dimensions	457 × 279 × 54 mm
Weight	3.22 kg
Installation Method	Embedded, Desktop, Wall-mounted, Cantilever
Protection Rating	Front panel IP65

Hardware Configuration

Specification	Value
CPU	Intel Celeron N5100, Embedded 4 M Cache, Maximum frequency: 2.80 GHz, TDP 6 W
GPU	Intel UHD
RAM	8 GB onboard
Storage	128 GB

System

Specification	Standard	Optional
Operating System	Windows 11 Pro	Home / IoT

Display

Specification	Value
Screen size	18.5 in
Resolution	1920 × 1080
Brightness	250 nits
Touch Screen	10-point Capacitive Touch

Network

Specification	Standard	Optional
Wi-Fi	Wi-Fi 802.11 (a/b/g/n/ac); 2.4 GHz / 5 GHz dual-band	
Bluetooth	Bluetooth 5.0	
Cellular network		M.2 interface, USB and PCIe signal Compatible; LTE-FDD: B1/3/5/7/8/20 LTE-TDD: B40 WCDMA: B1/5/8 GSM: 900/1800

Other

Specification	Standard	Optional
Card Slot	SIM card × 1	
USB	Type-A USB; USB 3.0 × 2+USB 2.0 × 2	
Headphone jack	Ø3.5 mm audio jack × 1	
RJ45	RJ45 interface × 2 (10/100/1000 M Adaptive)	
HDMI	HDMI 2.0 Type-A × 1	
DB9	Serial Port DB9 RS232 × 2	Jumper-selectable: RS485 × 1, RS232 × 1
DC	DC IN 12 V supports (12–24 V)	
Antenna interface	SMA × 2	
Operating Temperature	-20 °C to 60 °C	
Storage Temperature	-30 °C to 70 °C	
Humidity	95% Non-condensing	
Electrostatic discharge	±15 kV Air discharge, ±8 kV Contact discharge	
Protection and standards	Front panel IP65; CCC	
Accessories	12 V / 4 A adapter; mounting hooks × 4; Wi-Fi antenna × 1	4G Rod Antenna

Power Supply

Specification	Value
Power Input	AC 100 V ~ 240 V, 50 Hz/60 Hz Output: DC 12 V/4 A

Specifications vary by configuration and region. Confirm the exact configuration in your quotation.