RT-P21A

21.5" Windows Industrial Panel PC

Model specifications



Display: 21.5-inch
Operating system: Windows 11 (Home Pro IoT)
Protection: Front panel IP65
Processor: Intel Core i5-1235U

Product Form

Specification	Value
Product Form	21.5" Windows Industrial Panel PC
Dimensions	537.02 × 324.02 × 57.60 mm
Weight	Approx. 5.05 kg (bare unit)
Installation Method	Embedded, Desktop, Wall-mounted, Cantilever
Protection Rating	Front panel IP65

Hardware Configuration

Specification	Standard	Optional
CPU	Intel Core i5-1235U (12 MB cache, up to 4.4 GHz, 10 cores, 12 Threads, TDP 15 W)	Intel Core i7-1255U; Optional Intel Core i7-1255U (12 MB cache, up to 4.7 GHz, 10 cores, 12 threads, TDP 15 W)
GPU	Intel® Iris® Xe Graphics Card	
RAM	8 GB onboard	
Storage	128 GB SSD	256/512 GB

System

Specification	Value
Operating System	Windows 11 (Home Pro IoT)

Display

Specification	Value
Screen size	21.5 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/ax) 2.4 GHz / 5 GHz, supports Wi-Fi 6	
Bluetooth	Bluetooth 5.1	
Cellular network		4G module; LTE FDD: B1/B3/B7/B8/B20/B28a WCDMA: B1/B8 GSM: B3/B8

Other

Specification	Standard	Optional
Card Slot	SIM card × 1	
USB	Type-A USB; USB 3.0 × 4	
Headphone jack	Ø3.5 mm audio jack × 1	
RJ45	RJ45 interface × 2 (10/100/1000 M Adaptive)	
HDMI	HDMI × 1	
DB9	Serial Port DB9 RS232 × 2	Jumper-selectable: RS485 × 1, RS232 × 1
DC	DC 19 V × 1 (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; CE; CCC	
Accessories	19 V/3.42 A Adapter, mounting hooks (8), Wi-Fi Antenna (2)	4G Rod Antenna
Expansion options	M.2 slot × 1 M.2 2280 Standard interface (SATAIII/PCIe3.0 × 4 Signal)	

Power Supply

Specification	Value
Power Input	AC 100 V ~ 240 V, 50 Hz/60 Hz Output: DC 19 V/3.42 A

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