

RTC-1030

10.1" Rugged Tablet Featuring Intel® Processor N-series



Specifications

System Architecture	
Processor	Intel® Processor N50, 3.4GHz
Operating System	Windows® 11 IoT Enterprise GAC (Default)
Memory	Onboard LPDDR5, 8GB
Storage	M.2 SSD, 128GB (Default) / 256GB / 512GB / 1TB
Display	10.1" WUXGA (1920 x 1200) 425-nit TFT LCD with Projected Capacitive Multi-Touch Screen
I/O Port	USB Type-C x 1 (Display Port) SIM Card Slot x 1 Micro-SD Card Slot x 1 Audio Jack x 1 (3.5mm) USB 3.2 Gen 1 (Type-A) x 1 USB 2.0 x 2 DC-in Jack x 1 USB Type-C Charger COM Port x 1 (RS-232/422/485) GbE RJ-45 x 1
Communication	Wi-Fi 802.11 a/b/g/n/ac Bluetooth v5.3 (EDR + BLE)
Navigation	Supports GPS, GLONASS, Galileo, BeiDou and QZSS (GPS + GLONASS by default)
WWAN(optional)	LTE via M.2 slot (Optional)
Camera	5MP front camera 13MP rear camera with flash

Features

- 10.1" FHD (1920 x 1200) 425-nit TFT LCD
- Intel® Processor N-series
- Wi-Fi (802.11), Bluetooth 5.3, LTE (Optional)
- 5MP Front and 13MP Rear Camera
- Supports GPS, GLONASS, Galileo, BeiDou and QZSS (GPS + GLONASS by default)
- Hot-swappable Battery, 14.4V/ 2270mAh, 32.7W x 2
- MIL-STD-810H, IP65 Compliant
- Programmable Function Keys

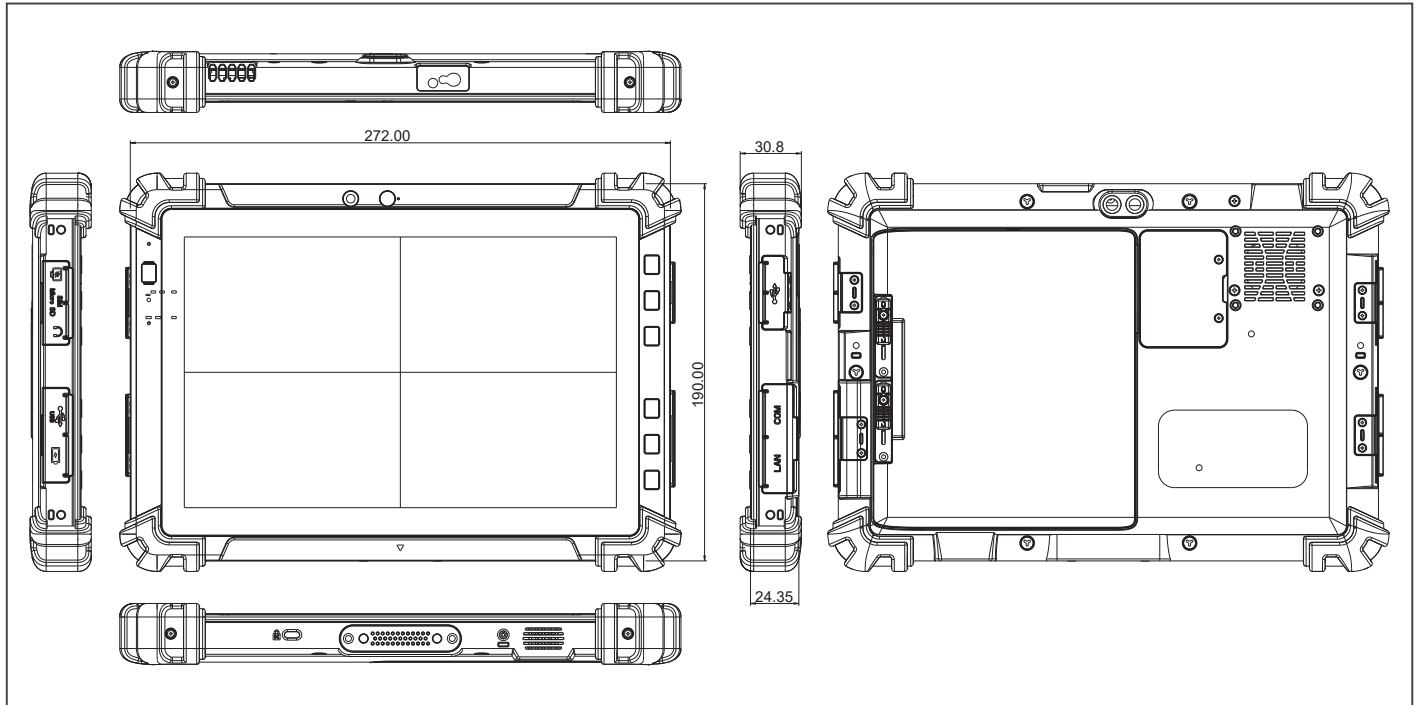


Sensor	G-sensor E-compass Gyro-sensor Light-sensor
Expansion Slot	M.2 slot x 3 (One for SSD, One for WiFi module, One for LTE module) Docking Connector (Optional) x 1: USB 3.2 Gen 1 x 1
Barcode Scanner (Optional)	2D Barcode scanner, Honeywell N4680
HF RFID (Optional)	—
Audio	Speaker x 1 (1W)
Physical Key	F0 or Windows (Windows Start Key), F1 (BCR Trigger Button (When BCR is enabled)), F2 (Screenprint), F3 (Ctrl+Alt+Del), Volume Up (Speaker Volume Up), Volume Down (Speaker Volume Down)
Mechanical	
Color	Black
Dimension (W x H x D)	10.71" x 7.48" x 0.94" (272mm x 190mm x 24mm)
Gross Weight	2.98 lb (1.35 Kg)
Environmental	
Operating Temperature	-4°F - 122°F (-20°C - 50°C)
Storage Temperature	-22°F - 158°F (-30°C - 70°C)
Humidity	0% ~ 90% relative humidity, non-condensing
Environmental Sealing	IP65
Vibration	MIL-STD-810H:2019, Method 514.8 Category 4 – Common Carrier
Drop	MIL-STD-810H:2019, Method 516.8 Procedure IV Drop height: 122 cm 26 drops (8 corners, 12 edges and 6 faces) Condition: 2" plywood over concrete
Shock	MIL-STD-810H:2019, Method 516.8 Procedure I
ESD	Air: ±8 kV Contact: ±4 kV
Certifications and Standards	CE EMC / CE RED WiFi 2.4G/5G / CE RED LTE FCC EMC / FCC RF WiFi 2.4G/5G LVD / UKCA TELEC WiFi / LTE
Power Supply	
AC / DC Adapter	DC Jack: AC 100 ~ 240 V, 50 ~ 60 Hz, Output: 19V/ 3.42A/ 65W USB Type C charger (Optional)
Battery Life	Li-ion Battery 6-hour battery life based on test configurations
Master Battery	Hot-swappable battery: 14.4V, 2270mAh, 32.7W
Slave Battery	Hot-swappable battery: 14.4V, 2270mAh, 32.7W
Display	
LCD	10.1" TFT-LCD Display
Resolution	1920 x 1200
Maximum Color	16.7M
Dot Size	0.1129 (H) x 0.1129 (V) mm
Brightness	550 nits (Before Touch) 425 nits (After Touch)
Viewing Angle	Horizontal: 170°, Vertical: 170° (Typical)
Touch Screen	
Touch Type	Projected Capacitive Multi-Touch Screen (PCT)
Light Transmission	Min. 85%



Dimension

Unit: mm



Packing List

- **RTC-1030**
 - **125530065A**
AC-To-DC Power Adaptor, 19V, 65W
 - **Power Cord (By Order)**
 - **Type C Power Adaptor (Optional)**
- *Power cord must be purchased separately.

Optional Accessories

- **RBC-1200-000**
4-bay Battery Charger, for 32.7W battery pack
- **RTC-1200BAT01-000**
Battery Pack, 14.4V, 2,270mAh, 2 pcs/Box
- **1259X00004**
DC-To-DC Power Adaptor, Vin=11~16V, 22~32V, Output 19V/3.42A (65W), One End-DC Jack, One End-Two Flying Wires
- **1255900901**
DC-To-DC Power Adaptor, Vin=11~16V, 22~32V, Output 19V/4.73A (90W), One End-DC Jack, One End-Cigarette Plug
- **170X000674**
Power Cord for US
- **170X000675**
Power Cord for EU
- **170X000902**
Power Cord for UK
- **170X000901**
Power Cord for Japan

Ordering Information

Part Number	CPU	OS	LCD Display	Touch Screen	System Memory	Storage	I/O	Sensor	WiFi/Bluetooth	Navigation	LTE Bands (MHz)	Camera	2D Barcode Scanner	Battery	Power
RTC-1030-R0001	Intel® Processor N50	Windows 11 IoT	10.1" 425 nits	PCT 10 points	LPDDR5 8GB	M.2 SSD 128GB	USB Type-C x 1 (Display Port) SIM Card Slot x 1 Micro-SD Card Slot x 1 USB 3.2 Gen 1 (Type-A) x 1 Audio Jack x 1 (3.5mm) USB 2.0 x 2 DC-in Jack x 1 USB Type-C Charger COM Port x 1 (RS-232/422/485) GbE RJ-45 x 1	G-sensor E-compass Gyro-sensor Light-sensor	Wi-Fi (802.11), Bluetooth 5.3	Supports GPS, GLONASS, Galileo, BeiDou and QZSS (GPS + GLONASS by default)	—	5MP front camera	—	32.7W + 32.7W	19V
RTC-1030-R0002	Intel® Processor N50	Windows 11 IoT	10.1" 425 nits	PCT 10 points	LPDDR5 8GB	M.2 SSD 128GB	USB Type-C x 1 (Display Port) SIM Card Slot x 1 Micro-SD Card Slot x 1 USB 3.2 Gen 1 (Type-A) x 1 Audio Jack x 1 (3.5mm) USB 2.0 x 2 DC-in Jack x 1 USB Type-C Charger COM Port x 1 (RS-232/422/485) GbE RJ-45 x 1	G-sensor E-compass Gyro-sensor Light-sensor	Wi-Fi (802.11), Bluetooth 5.3	Supports GPS, GLONASS, Galileo, BeiDou and QZSS (GPS + GLONASS by default)	—	5MP front camera + 13MP rear camera with flash	Yes	32.7W + 32.7W	19V