



FULLY RUGGED TABLET
WI-FI, BLUETOOTH, 4G LTE
1D/2D BARCODE SCANNER
HOT SWAP BATTERY
WINDOWS 10 PRO/IOT

Model	RUGGED TABLET PC RT 300 SERIE
Display	10.1"
Resolution	1920 x 1200
Touchscreen	Capacitive multi-touch with Gorilla Glass
Platform	Intel Cherry Trail
CPU	Quad-Core Atom Z8350
System Memory	4GB
Graphics	Intel HD graphics, Dual Display
Storage	64GB, Expandable with Micro-SD
Camera	2MP front, 13MP rear
Networking	Fast Ethernet, Wireless, Bluetooth, GPS, 4G LTE
Interfaces	1 x RJ45, 3 x USB, 1 x RS232, HDMI, Audio, SIM card
Optionals	Built-in 1D/2D barcode scanner, RFID tags HF/UHF, Fingerprint Identification, High precision GNSS
Functions	-
Battery	Lithium-Ion, long-lasting, rechargeable and user replaceable, support Hot Swap
Power input	DC:5V with AC-DC Power Adapter
Optional power	Vehicle Adapter
Mounting	VESA mount or RAM mount by Tablet cradle or Rugged Docking
Accessory	Hand holder (included), Shoulder Straps, Capacitive Pen, LCD Protection Film Battery Pack, Docking Station, Rugged Docking for 2-In-1 tablet & panel PC, Bluetooth Keyboard
IP Rating	Full IP65 Fully Rugged
Cooling	Fanless solution
Environment	-10°C to +50°C
OS Supported	Windows 10 professional or IoT
Certification	CE, MIL-STD-810G, WEEE / RoHS
Dimension (mm)	275 x 178 x 18
Weight (g)	Approx. 900
Ordering Code	RT 310 : CPU Z8350, RAM 4GB, SSD 64GB, OS Windows
Optional	RT 310-2D : Tablet PC with 2D barcode scanner RT 310-IOT : Tablet PC with RFID tags UHF RT 310-GPS : Tablet PC with high precision GPS

Model	RT 310 DETAILS
Display	10.1 Inch 16:10, IPS display, Brightness 500nits - Sunshine readable
Resolution	Portrait or landscape orientation with automatic screen rotation
Touchscreen	support 10 point touch, it work with gloves (thickness is around 0.5mm) and wet fingers
CPU	x5-Z8350 with Cores:4, Threads:4, Frequency:1,44GHz, Cache: 2MB
Camera	Autofocus, geotagging support
Networking Type	Fast Ethernet 10/100 Mbit/s
Cellular Network	4G: TDD-LTE/FDD-LTE, 3G: WCDMA/CDMA, 2G: GSM/GPRS
Bluetooth	Bluetooth 4.2
Wireless	WiFi 802.11 ac, Frequency 2.4GHz, 5.0GHz Dual-band WiFi
GPS	support Navstar GPS, Glonass and AGPS (Assisted GPS) Optional: high precision GNSS module, support GPS, Galileo, Glonass, BeiDou
Interfaces Type	LAN type RJ45, USB 3.0, USB 2.0, RS232 type DB9, HDMI, Microphone & audio jack
Button	power ON OFF, volume control, barcode scanner, programmable buttons
RFID Type	RFID HF 13.56MHz, Near-field communications (NFC), ISO 14443A/B protocol Optional NFC: ISO 15693, ISO 18000, MIFARE, DESFire EV1 and EV2 protocol Optional RFID UHF: 902~928MHz (or 865~868MHz), support EPC Class 1 Gen 2 / ISO 18000-6C
Barcode	Built-in Honeywell N3680 barcode scan engine, fully decoded 1D/2D
Fingerprint	LD-8800-M
Sensors Type	Gravity sensor, light, compass, acceleration, baroceptor support
Power input	DC:5Volt / 3A and Power Adapter AC:100~240Volt - 50Hz/60Hz
Battery Type	Lithium-Ion polymer, 3.8V / 10700mAh : 8400mAh Hot Swap (#), 2300mAh Backup Power
OS Windows	Pre-installed Microsoft Windows 10 Professional (or Windows 10 IoT Enterprise)
Security	Trusted platform module - TPM 2.0
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(#) HOT SWAP BATTERY: The user can replaced only the main battery.
When the user will remove and replace it, the system will keep in touch because the second battery will be the backup power. So, the System always turn on and will keep your data safe.