



CPU INTEL QUAD-CORE
WI-FI, 4G LTE, RFID HF/UHF
1D/2D BARCODE SCANNER
HOT SWAP BATTERY
OS WINDOWS 10

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	DDR3L 4GB
Graphics	Intel HD graphics, Dual Display
Storage	64GB iNAND, 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, Built-in RFID tags HF or UHF, Fingerprint Identification
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, Shoulder Straps, Capacitive Pen, Keyboard, LCD Protection Film Battery Pack, Docking Station, Rugged Docking for 2-In-1 tablet & panel PC
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, RFID tags HF (NFC) RT 310-IOT : Tablet PC with 2D barcode scanner, RFID tags UHF

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	1 x Fast Ethernet 10/100 Mbit/s
Cellular Network	4G: LTE, 3G: WCDMA/UMTS/HSPA, 2G: GSM/GPRS/EDGE
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)
Interfaces Type	SIM card, LAN type RJ45, USB 3.0, USB 2.0, Micro USB, RS232 type DB9, Microphone
Button	power ON OFF, volume control, barcode scanner, programmable buttons
RFID Type	RFID HF 13.56MHz, Near-field communications (NFC), ISO 14443A protocol
	Optional NFC: ISO 14443B, ISO 15693, ISO 18000, MIFARE, DESFire EV1 and EV2 protocol
	IOT RFID UHF 840~960MHz, support EPC Class 1 Gen 2 / ISO 18000-6C protocol
1D barcode	-
2D barcode	Honeywell n3680, USB interface
Fingerprint	LD-8800-M
Sensors Type	Gravity sensor, light, compass, acceleration, barocceptor 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.

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