

Windows Rugged Tablets

RTC Series

- 12th gen Intel® Core™ i7/ i5 / Celeron® processor
- 8", 10.1", and 11.6" screen size, sunlight readable
- Integrated 1D/2D barcode reader, NFC, RFID, fingerprint for data collection
- Supports 4G, Wi-Fi, Bluetooth, and GNSS
- Rich I/O interfaces, including COM, LAN, USB, HDMI
- Removable high-capacity battery design
- Hot-swappable dual-battery design (RTC-I116 only)
- IP67/IP66 and MIL-STD-810H certified



Android Rugged Tablets

RTC Series

- MediaTek MT8781 Octa-core processor
- 8" and 10.1" screen size, sunlight readable
- Integrated 1D/2D barcode reader, NFC, RFID, fingerprint for data collection
- Supports 4G, Wi-Fi, Bluetooth, and GNSS
- Rich I/O interfaces, including COM, LAN, USB, HDMI
- Removable high-capacity battery design
- IP67 and MIL-STD-810H certified



Smart Manufacturing



Warehouse and Logistics



Energy



Asset Management



Public Safety



Field Services

Accessories

Office Docks

- Office docks and battery charging with USB, RJ45, and RS232 ports



Vehicle Docks

- Vehicle docks and battery charging with USB, RJ45, and RS232 ports
- Supports VESA 75x75mm and 100x100mm
- Powered by car battery or cigarette lighter



Straps

- Hand straps and shoulder straps



Power

- Vehicle chargers, adapters, and batteries



Others

- Stylus
- Data cables



*Darveen provides a full suite of accessories that bring ease of use and management. Please contact us for more details.

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All product specifications are subject to change without notice.



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Industrial-Grade Rugged Tablets

- Intel® Core™ / Celeron® or MediaTek CPUs
- Windows and Android OS
- 8" - 11" optional high-brightness touch display
- IP67 and MIL-STD-810H certified



Industrial-Grade Rugged Tablets



Darveen's rugged tablet PCs undergo rigorous testing to ensure unparalleled durability and resilience in extreme conditions. Engineered for enhanced productivity, our rugged tablet computers are versatile, providing optimal performance for the mobile workforce.



Versatile Options

- Choose from Windows or Android OS, x86/ARM CPU options
- 8", 10.1" or 11.6" screen
- Supports handwriting, glove, stylus, and wet touch



Seamless Wireless Connectivity

- Wi-Fi, Bluetooth, and 5G/4G connectivity
- Ideal for field service applications



Enhanced Data Security

- Fingerprint, smart card, and facial recognition login
- TPM2.0



Rugged Build

- Withstands extreme temps, shocks, vibrations, drops
- IP67/IP66 and MIL-STD-810H shock & vibration proof
- Drop protection up to 1.2 m (4 ft)



High Productivity

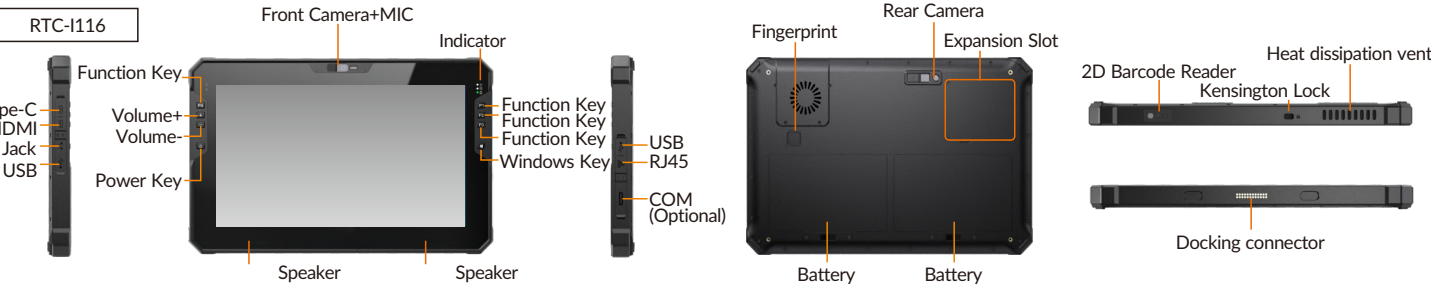
- Rich I/O: USB, Type-C, LAN, COM, mini HDMI, aviation plug
- 1D/2D barcode scanning, RFID reading, and fingerprint identification
- Sunlight-readable screen



Long-Lasting Hot-swap Battery

- 10,000 mAh battery for Android series
- Hot-swappable dual batteries for RTC-I116

Product Model		RTC-I81	RTC-I101	RTC-I116
Display	Size	8 inch	10.1 inch	11.6 inch
	Resolution	1280 x 800	1280 x 800 (1920 x 1200 optional)	1920 x 1080
	Luminance	700 nits	700 nits (1280 x 800); 500 nits (1920 x 1200)	1,000 nits
	CPU	Intel® Celeron® N5100 (Jasper Lake), 4 MB Intel® Smart Cache, up to 2.8 Ghz		Intel® Core™ i5-1235U, 10-Cores, 12 threads, 1.3 GHz-4.4 GHz Intel® Core™ i7-1255U, 10-Cores, 12 threads, 1.7 GHz-4.7 GHz
System	Memory	4GB LDDR4 (optional 8GB)		16 GB LPDDR5 (up to 32 GB, optional)
	Storage	64GB SSD (optional 128GB)		256 GB NVMe PCIe SSD (up to 1 TB, optional)
	TPM	N/A		TPM 2.0
	Camera	Front: 5MP fixed-focus camera Rear: 8MP autofocus camera		Front: 5MP fixed-focus camera Rear: 12MP autofocus camera
I/O Port	USB	1x RJ45 10/100/1000M 1x Mini HDMI 1x Micro SIM card slot 1x TF card slot, up to 256GB		2x USB 3.0 Type-A 1x USB 2.0 Type-C (supports power charging and data transfer)
	Ethernet	1x RJ45 10/100/1000M		2x COM (1x RS232/422/485,1x RS 232, optional)
	Display	1x Nano SIM card slot		N/A
	SIM Card Slot	1x Micro SIM card slot		N/A
	TF Card Slot	1x TF card slot, up to 256GB		N/A
	Expansion port	2x Aviation plug (choose two out of three from USB, RS232 or DC-in, optional)		2x COM (1x RS232/422/485,1x RS 232, optional)
	Docking Connector	1x 12-Pin		1x 24 pin
Wireless Connectivity	Wi-Fi	Wi-Fi 802.11 (a/b/g/n/ac), dual band (2.4G + 5.8G)		Wi-Fi 6E 802.11a,b,d,e,g,h,i,k,n,r,u,v,w,ac,ax
	Cellular	WCDMA: B1/B2/B4/B5/B6/B8/B19 LTE FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B18/B19/B20/B25/B26/B28/B66/B71 LTE TDD: B38/B39/B40/B41		WCDMA: B1/B2/B4/B5/B6/B8/B19 LTE FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B18/B19/B20/B25/B26/B28/B66/B71 LTE-TDD: B34/B38/B39/B40/B41/B42/B43/B48 Bluetooth® V5.3
	Buletooth	Bluetooth® V4.2		Bluetooth® V5.3
	GNSS	GPS, GLONASS, BeiDou		GPS, GLONASS, BeiDou
	NFC	13.56MHz, supports ISO/IEC 14443A/14443B/15693/18092/mifare		13.56MHz, supports ISO/IEC 14443A/14443B/15693/18092/mifare
	RFID	UHF RFID, supports PR9200		UHF RFID, supports PR9200
	Barcode Reader	1D, 2D barcode reader		1D, 2D barcode reader
Data Collection (Optional)	Fingerprint	FBI/ISO/GA certification		Windows Hello
	Speaker	8Ω/1W, dual stereo speakers		8Ω/2W, dual stereo speakers
Audio	MIC	Built-in microphone		Dual microphone
	DC Input	100-240V, 50-60Hz, 12VDC		100-240V, 50Hz-60Hz, PD65W
Power	Battery	Removable lithium-ion polymer battery,7.6V 5000mAh		Dual batteries, hot-swappable, 7.7V 58Whr, with battery indicator
	Battery Life	6 hours		6 hours
Operating System	Windows	Windows 10, Windows 11		Windows 10, Windows 11
Mechanical	Dimensions (W x D x H)	236.5 x 156 x 23mm (9.31 x 6.14 x 0.91 inches)	280 x 188 x 23mm (11.02 x 7.40 x 0.91 inches)	315 x 203 x 20 mm (12.40 x 7.99 x 0.79 inches)
	Weight (N.W.)	900g (1.98lbs)	1200g (2.65 lbs)	1550 g (3.42 lbs)
Environment	Operating Temperature	-10 °C to 50 °C (14 to 122°F)		-20 °C to 60 °C (-4 to 140°F)
	Vibration	MIL-STD-810H: 2022 Method 514.8 Procedure I		MIL-STD-810H: 2022 Method 514.8 Procedure I
	Drop	MIL-STD-810H: 2022 Method 516.8 Procedure IV,4ft/1.2m		MIL-STD-810H: 2022 Method 516.8 Procedure IV,4ft/1.2m
	IP Rating	IP67		IP66
Certification	EMC	CE, FCC		CE, FCC



Product Model		RTC-M82	RTC-M102
Display	Size	8 inch	10.1 inch
	Resolution	1280 x 800	1280 x 800 (1920 x 1200 optional)
	Luminance	700 nits	700 nits (1280 x 800); 500 nits (1920 x 1200)
System	CPU	MTK MT8781. ARM Cortex-A76 Dual-core 2.2 Ghz,ARM Cortex-A55 Hexa-core 2.0GHz	
	Memory	8GB LPDDR4	
	Storage	128GB UFS	
I/O Ports	Camera	Front: 5MP fixed-focus camera Rear: 13MP autofocus camera with flash	
	USB	1x USB 2.0 Type-A 1x USB 2.0 Type-C (supports power charging and data transfer)	
	Ethernet	1x RJ45,10/100M	
	Display	1x Mini HDMI	
	SIM Card Slot	1x Micro SIM card slot	
	TF Card Slot	1x TF card slot, up to 256GB	
	Aviation Plug	2x Aviation plug (choose two out of three from USB, RS232 or DC-in)	
Wireless Connectivity	Docking Connector	1x 12-Pin	
	Wi-Fi	Wi-Fi 802.11 (a/b/g/n/ac), dualband (2.4G + 5.0G)	
	Cellular	GSM: B2/B3/B5/B8 WCDMA: B1/B2/B5/B8 CDMA2000:BCO/BC1 FDD:B1/B2/B3/B4/B5/B7/B8/B17/B20/B28 TDD: B34/B38/B39/B40/B41	
	Bluetooth	Bluetooth® V5.2	
	GNSS	GPS, GLONASS, BeiDou	
	NFC	13.56MHz, supports ISO/IEC 14443A/14443B/15693/18092/mifare	
	RFID	UHF RFID, supports PR9200	
Data Collection (Optional)	Barcode Reader	1D, 2D barcode reader	
	Fingerprint	FBI/ISO/GA certification	
Audio	Speaker	8Ω/1W, dual stereo speakers	
	MIC	Built-in microphone	
Power	DC Input	100-240V, 50-60Hz, 5VDC	
	Battery	Removable lithium-ion polymer battery, 3.8V 10000mAh	
Operating System	Battery Life	8 hours	
	Android	Android 16	
Mechanical	Dimensions(W x D x H)	236.5 x 156 x 23mm (9.31 x 6.14 x 0.91 inches)	280 x 188 x 23mm (11.02 x 7.40 x 0.91 inches)
	Weight (N.W.)	850g (1.87lbs)	1150g (2.54 lbs)
Environment	Operating Temperature	-10 °C to 50 °C (14 to 122°F)	
	Vibration	MIL-STD-810H: 2022 Method 514.8 Procedure I	
	Drop	MIL-STD-810H: 2022 Method 516.8 Procedure IV,4ft/1.2m	
	IP Rating	IP67	
Certification	EMC	CE, FCC	

