

MT-310 X



High brightness

1000 nits high brightness with multi-touch screen making tablet operating smoothly and readable in sunlight condition and outdoor environment.



Water & Dust proof

The tablet has a high level of dust and water resistance IP67, is well adaptable to environments such as industrial, mining, agriculture, etc.



MIL-STD-810G

Comply with the U.S. military standard MIL-STD-810G shock and vibration resistance, can be applied to a variety of complex and demanding working environments.



Qt platform

QT platform provides a cross-platform C/C++ graphical user interface application development framework, which has strong scalability and is convenient for software development.



CANBus

CAN Bus interface with CAN 2.0B protocol provide a standard bus for automotive computer control systems and embedded industrial control local area networks.



LAN

Gigabit Ethernet is characterized by high efficiency, high speed, and high performance, and has been widely used in industries such as factories, mining enterprises and agricultures.



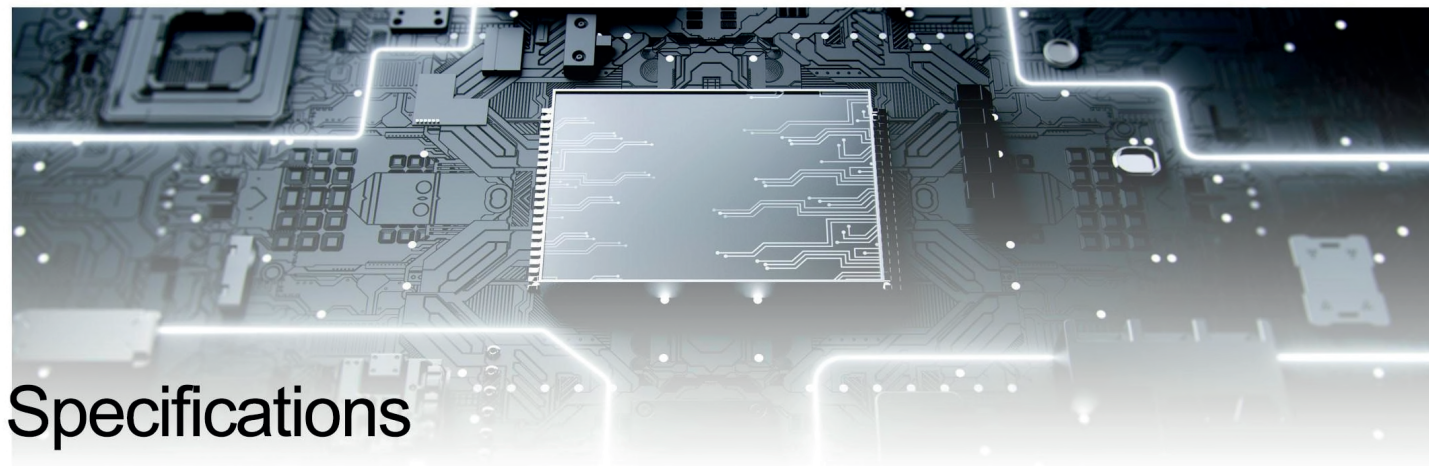
Real-time tracking (Optional)

Integrated 4G LTE network connection, multi-satellite running GPS+Glonass+Galileo provides the easiest way to track your vehicle and asset management.



Battery Replaceable (Optional)

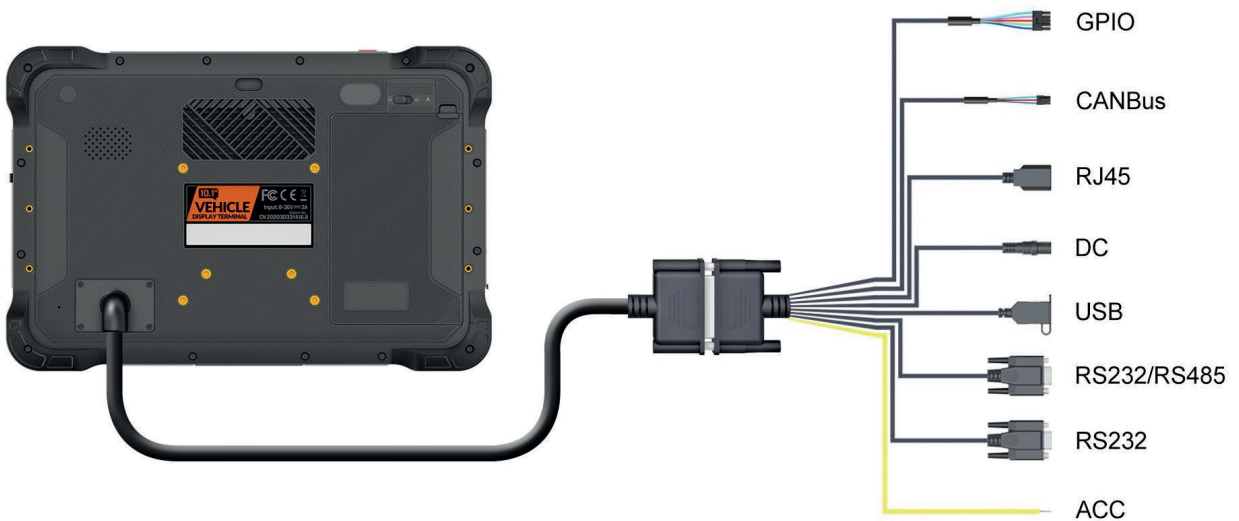
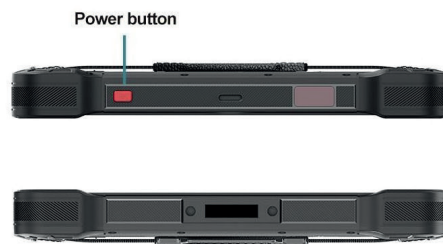
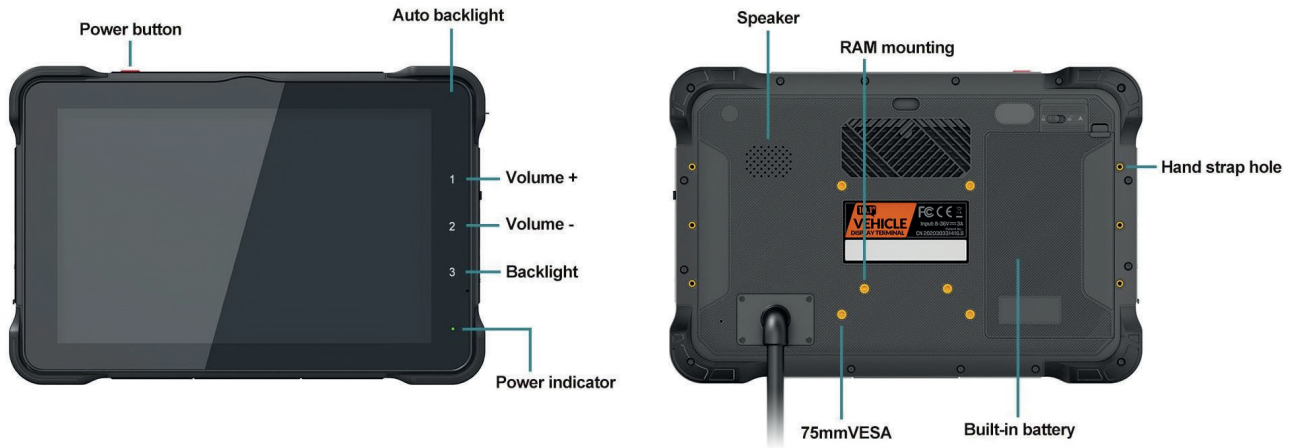
The optional 8000mAh large-capacity battery provides the necessary protection for the tablet for a long time in the event of a power failure and easy for replaceable.



Specifications

T-310x

CPU	NXP i.MX 8M Mini, ARM® 4xCortex®-A53 1.6GHz
GPU	1x Shader, Vivante GC320, Vivante GCNanoUltra
Operating System	Linux Debian 10
RAM	2 GB LPDDR4 (Default)/4GB(Optional)
Storage	16 GB eMMC (Default)/64GB(Optional)
Storage Expansion	Micro SD 256 GB
LCD	10.1 inch HD (1280 x 800), 1000cd/m ² high brightness, sunlight readable
Touchscreen	Multi touch capacitive touchscreen supporting glove and rain mode
Bluetooth (Optional)	BLE5.0
WLAN (Optional)	IEEE 802.11 a/b/g/n/ac; 2.4GHz/5GHz
Mobile Broadband (Optional)	LTE, HSPA+, UMTS, EDGE, GPRS, GSM (Data and Voice)
GNSS (Optional)	GPS/GLONASS/Galileo
Sound	Build-in 2W speaker Build-in microphones
Interfaces	Type-C, Compliant with USB 2.0 (for data transfer, support OTG) 3.5mm headphone jack
Sensors	Ambient light sensor
Power	DC9-36V (ISO 7637-II compliant)
Battery (Optional)	3.7V,8000mAh Li-ion (Replaceable) Operating time: about 4.5hours (Typical) Charging time:about 4.5hours (Typical)
Environment	Gravity drop resistance test: 120cm Vibration test: MIL-STD-810G Dust resistance test: IP6x Water resistance test: IPx7 Operating temperature: -10° C ~ 65°C (14°F-149°F) 0° C ~ 55°C (32°F-131°F)(charging) Storage temperature: -20°C ~70°C (-4°F ~158°F)
I/O Ports	USB2.0(Type-A) RS232 x2 ACC Power CANBus x1 (Optional CANBus x2) GPIO x8 RJ45 RS485 (Optional)
Physical Dimensions (WxDxH)	277×185×31.6mm
Weight	1357g (2.99lb)



Accessories



Screws for RAM



USB to Type-C Cable



Power Adaptor



Extension Cable



RAM-101U

RAM 1.5" Double Ball Mount with Backing Plate

Standard

Optional

All technical data, specifications and performance figures subject to change without prior notice.

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