



MasTec Limited

The Ingenious Devices Company



Rugged Windows Tablet with 10.1-Inch Widescreen Display and Plenty of I/O

A lightweight, rugged tablet that blends the convenience of a large touchscreen with enterprise-friendly qualities like seamless Windows® integration and support for multiple peripherals.



Large, sunlight-viewable LED display—a brilliant 10.1-inch multi-touch capacitive display with Corning® Gorilla® Glass 2.

Lightweight and thin—weighs less than 3 pounds and is less than an inch thick.

Windows operating system—ships standard with Windows 7 Professional (optional Windows Embedded Standard 7).

Multiple I/O ports—including USB 2.0, Ethernet, serial, and HDMI. The MT1010 offers more I/O than any other rugged tablet through the expansion connector and additional ports via the vehicle/desktop docks.

Ultra-rugged—sealed to IP65 and certified for a 6-foot drop. Also features magnesium-alloy construction and Corning® Gorilla® Glass 2.

Dual cameras—with a 5.0 MP back-facing camera and a 2.0 MP front-facing camera, the MT1010 is equipped for video conferencing and document scanning.

Barcode scanning option—optional 1D/2D scanner available.

Expandable for the future—specify the technology needed at the time of purchase and later add functionality with backpack modules such as an RFID reader or other wireless capabilities.

Multiple communication options—Bluetooth v4.0, WLAN 802.11 a/b/g/n, GPS, and optional WWAN with Gobi™ 5000 provide unparalleled connectivity.

Advanced sensors and feedback technology—accelerometer, magnetometer, and vibration motor.

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MT1010

SPECIFICATION SHEET

Core System	
Operating System	Windows® 7 Professional (optional WES 7)
Processor	Intel® N2600 dual core 1.6 GHz
Memory	4 GB DDR3 64 GB mSATA SSD (128 GB optional)
Display	
	10.1-inch WXGA 16:10 (1280 × 800) IPS LED panel Sunlight viewable Multi-touch capacitive touchscreen (ten point) Corning® Gorilla® Glass 2
Keypad & Buttons	
Power button	One press to boot up/shut down system
Directional keys	Individual arrow keys Function programmable
LED indicators	Power status Battery status Wireless status Internal heater status
Data Capture	Barcode scanner button
Communications	
WLAN	802.11 a/b/g/n (CCX4-compliant)
WWAN	Optional Gobi™ 5000: LTE, HSPA+, GSM/GPRS/EDGE, CDMA
GPS	50-channel u-blox 6 engine, GPS L1 C/A code SBAS: WAAS, EGNOS, MSAS
Bluetooth®	v4.0 + EDR Class II
Input/Output	
	DC in power jack 1x USB 2.0 Type A 1x USB 2.0 Mini-A 1x HDMI Type D 1x RS-232 DB9 (5V on pin 9) 1x Gigabit Ethernet RJ45 1x Expansion I/O connector 1x Docking I/O connector
Expansion Slots	
	SIM Card slot MicroSD (Up to 32 GB)
Via dock connector	2x USB 2.0 1x RS-232 1x RJ45 1x Audio line in/out GPS/WWAN pass through
Via expansion connector	2x USB 2.0 1x RS-232

Sensors	
	Accelerometer, Magnetometer, Light sensor, Vibration motor
Data Capture	
Camera	2.0 MP front color camera 5.0 MP rear camera with autofocus and flash
Barcode	1D/2D imager (optional)
Audio	
	1x 1.2 W speakers 1x microphone 1x stereo headset jack
Power	
Battery (hot-swappable)	7.4 V 4150 mAh Li-polymer standard battery pack (up to 4 hours battery life in Win7 battery saving mode) 7.4 V 12450 mAh Li-polymer extended battery pack (optional, up to 10 hours battery life in Win7 battery saving mode)
Adapter	100–240V, 50-60 Hz / 12 V DC input
Dimensions (with standard battery)	
	Magnesium-alloy construction 11.4 (L) × 7.7 (W) × 0.8 (H) in. [290 × 195 × 21 mm] 2.9 lb. [1.3 kg]
Regulatory	
	FCC part 15 C, CE UL/cUL, CE, CB REACH, RoHS, Energy Star 5.0, ErP
Environment	
Operating temperature	-4 to +140 °F [-20 to +60 °C]
Charging temperature	32 to +122 °F [0 to +50 °C]
Drop	Multiple 6-foot (1.8-meter) drops to concrete
ESD	15 kV air discharge, 8 kV direct discharge
Sealing	IP65 certified
Humidity	5%–90%, non-condensing
Operating altitude	15000 ft. [4572 m]
Vibration	MIL-STD-810G