



## The Most Advanced Wireless Communications in a Rugged Tablet

The go-anywhere solution for companies who need reliable mobile communication throughout their supply chain and want to future-proof their technology purchase with advanced communications options, modularity and ruggedness.



**Advanced wireless communications like Gobi™ 3000, ZigBee® wireless technology, wireless USB, WLAN 802.11 a/b/g/n and Bluetooth®**—technology you can put to work right now to lower operating costs and increase efficiencies.

**Innovative form factor**—built for the way your users want to use a computer with multiple comfort grips, right or left-handed use, and operation with gloved or bare hands.

**Large 7-inch sunlight-viewable touchscreen**—industrial-reinforced, glass-on-glass touchscreen automatically switches from landscape to portrait view based on how the user is holding the tablet.

**Windows® Embedded Standard 7**—allows for seamless integration into most enterprise environments.

**Superior power management**—work a continuous 8-hour shift without docking the computer.

**Intel® Atom™ E660T processor**—the first processor created for the specific needs of industrial users, the E660T improves graphic performance by 50%, power consumption by 15% and PCIe speeds by 15%.

**IP67 and meets MIL-STD-810F**—total protection against dust and immersible in up to a meter of water.

## Accessories



Desktop Dock



Vehicle Dock



2-Slot Battery Charger



Battery Packs



Barcode Scanners

Core System	
Operating System	Windows® Embedded Standard 7
Processor	Intel® Atom™ E660T 1.3 GHz
Memory	2 GB DDR2 SDRAM 16 GB solid state drive (32 or 64 GB optional)
Display	
Common features	Sunlight-viewable Hardened touchscreen Landscape or portrait orientation Passive stylus or finger operation
M9010	7-inch WVGA (800 × 480), 550 nits
Sensors	
	Light sensor for auto backlight adjustment Position sensor (accelerometer) for portrait or landscape screen orientation
Keypad & Buttons	
	Adjustable keypad backlight Programmable trigger on underside 3-key keypad (enter, navigation, function) 7 programmable keys (touchscreen)
Communications	
WLAN	Summit 802.11 a/b/g/n
WWAN	Gobi™ 3000: (CDMA, EVDO, UMTS, GSM, GPRS, EDGE, DTM, HSPA, 3G: 14.4/5.76 Mbps DoRA: 3.1/1.8 Mbps)
GPS	Gobi™ 3000 (Standalone, XTRA, AGPS)
Zigbee®	Building Automation (BA) Home Automation (HA) Smart Energy (SE)
Wireless USB	Video/data/audio
Bluetooth®	v2.1 + EDR Class II (BlueSoleil stack)
Input/Output	
Physical	Power jack 1× USB 2.0 1× RS-232
Via dock connector	1× USB 2.0 1× Ethernet
Via backpack interface	2× USB 2.0 2× RS-232 1× CAN bus 2.0 (interface only) 1× SDVO (Serial Digital Video Out)
Expansion Slots	
	SD card slot (up to 32 GB)
Barcode Scanning / Data Capture	
Short range barcode	1D laser
Camera	5.0 MP camera with flash and barcode decoding capabilities

Audio	
	Speaker, Intel® HD Audio, 3.2 mm stereo headset jack
UHF RFID Backpack Module	
Frequency	915 MHz band frequency-hopping for unlicensed operation in the US and Canada
Read range	7 to 20 ft. (2.1 to 6.1 m) depending on tag type
Write range	eGo Plus, eGo, ISO 18000-6C tags: 70% of read range IT2000 (Allegro) tag: 100% of read range
Data rate	ATA/AAR tags: 10 kbps eGo tags: 33 to 40 kbps, eGo Plus tags: 80 kbps ISO 18000-6C: 66 kbps (downlink), 250 kbps (uplink) IT2000 (Allegro) tags: 300 kbps, Title 21 tags: 300 kbps
Models available	ATA/Title 21 read only SeGo/eGo/ISO 18000-6C/IT2000 (Allegro) read/write
Protocols (standard)	ATA/AAR/ISO, Wiegand (5 most popular formats), eGo (ISO 18000-6B), Super eGo (SeGo), ISO 18000-6C, Intellitag 2000 (Allegro), CALTRANS Title 21
Software	
Windows® Embedded Standard 7	IE8, IIS 7.0, .NET 3.5, Remote Desktop, SQL, Backup and Restore, Boot from VHD or USB, Power Management, EWF and FBWF
Power	
Primary internal	Li-ion battery, 7.4V, 3100 mAh
Secondary battery	Li-ion battery pack, 7.4V, 3100 mAh (hot-swappable)
Input	10–20 VDC, 2 A
Dimensions	
	9.0 (L) × 7.3 (W) × 2.3 (H) inches [230 × 185 × 60 mm] 2.96 lb. [1346 g]
Regulatory	
	FCC class B CE RoHS WEEE
Laser safety	A21CFR1040.10 IEC/EN 60825-1
Environment	
Operating temperature	-22 to +122 °F [-30 to +50 °C]
Charging temperature	14 to +122 °F [-10 to +50 °C]
Storage temperature	-22 to +158 °F [-30 to +70 °C]
Drop	Multiple 6-foot (1.8-meter) drops to concrete
ESD	15 kV air discharge, 8 kV direct discharge
Sealing	IP67 certified
Humidity	5%–95%, non-condensing
Vibration	MIL-STD-810F