APEX PM5
10.1" WINDOWS RUGGED TABLET

AMREL®
Pioneering Customized Rugged Solutions

Ideal Balance of Power and Performance

ATOM Performance & Battery Life

Optimized for energy-savings and performance, the APEX PM5 Windows Tablet is perfect for both the office and the field. For both mobile and stationary applications, the powerful Intel® ATOM™ CPU delivers speedy processing, while operating up to 12 hours.

Superior Image Quality

Due to a 1000 nit brightness, the APEX PM5 Tablet can be read easily even in the most intense sunlight. A superb level of exquisite detail is rendered on the optically bonded, high resolution (1920 x 1200) WUXGA 10.1" display. The 5-point capacitive touchscreen ensures correct data input and reduces the impact of unintended touches through glove touch capability, water/palm rejection, and stylus utilization.

Collect Data Anywhere, Anytime

In the workplace or on-the-go, the APEX PM5 keeps you connected. This versatile tablet gives you the choice of a NFC + Smart card reader (CAC) (Snap-on option), 2D barcode reader (built-in option), magnetic stripe reader, and/or NFC. Other communication options include WiFi, Bluetooth, GNSS, and 4G LTE.

Your Data will be Safe

Numerous security features, include Trusted Platform Module (TPM) 1.2, Optional Janus USB Ignition Key, and emergency one-touch Phoenix SecureWipe. You won't lose data due to operational failure, since the APEX PM5 is certified tough according to strict standards of MIL-STD 810G & IP-65.

Multiple options

Choose from Windows 10 IoT Enterprise or full Windows 7 Professional. Also available are vehicle docks, desktop docks, VESA mount brackets, 2-bay battery chargers, and dual capacity battery packs.

- Capacitive multi-touch supports glove touch
- Dual pass-through connector for WLAN, GNSS, WWAN
- Dual cameras (front & rear)
- Corning Gorilla Glass 3
- Vehicle & desktop docks available
- Less than an inch thick

SPECIFICATIONS - APEX PM5 FULLY RUGGED 10.1" TABLET

Operating System	Windows 10 IoT Enterprise 2015 LTSB	**Sensor**	Gyroscope, G-sensor, E-compass, light sensor
CPU	Intel® ATOM ™ E3827 (BayTrail) Processor 1.75 GHz	**Power Adapter**	AC 100V~240V, 50~60Hz Input; 19VDC@3.42A, 65W

Memory	• 4GB DDR3L
	• Optional 8GB DDR3L
		Battery	• Standard : 4500mAh, 10.8V, hot swappable battery
			     Battery operation* : 6 hours
			• Extended (option): 9000mAh, 10.8V, hot swappable battery
			     (option) Battery operation* : 12 hours
			The listed battery life is based on Mobile Mark 2014® media mode testing.

Storage	• 128GB mSATA SSD • Optional 256GB mSATA SSD	**I/O Interface**	• USB 3.0 Type A x 1, USB 2.0 Type A x 1 • Gigabit ethernet (RJ-45) x 1 • RS-232 x 1 (trade-off option: USB 2.0 Type A x 1) • Micro SD x 1, Micro SIM x 1, Micro HDMI x 1 • Audio jack (headphone/microphone combo) x 1 • RF pass-through connector x 2 for WLAN, GNSS, WWAN • Docking connector (12-pin) x 1
Display	• 10.1" WUXGA (1920 x 1200), 1000 nits sunlight readable • 5-point capacitive touch supports glove touch, water rejection, palm rejection, 2mm hard tip stylus • Gorilla Glass 3 • Digitizer (option)	**Dimensions and Weight**	11" x 7.7" x 0.9" (28 x 19.5 x 2.3 cm) 2.93 lbs. (1.33 kg)
Graphic	Intel HD Graphics	**LED Indicator**	• Power, Wi-Fi, Fn on/off • Battery full /charging/low
Control Button	• Programmable button x 3 • Barcode trigger x 1 • Power, volume, home button	**Rugged Features**	MIL-STD 810G & IP-65 Certified Vibration, shock, and 5-feet drop
Communication	• Wi-Fi 802.11 a/b/g/n/ac • Bluetooth V4.0+EDR • GNSS(GPS/Glonass/BeiDou) • Optional 4G LTE	**Environment**	• Operating temperature -4° F to 122° F (-20° C to 50°C) • Storage temperature -22° F to 158° F (-30° C to 70°C) • Humidity: 95%, non-condensing
Camera	• 2MP front camera • 5MP rear camera with auto focus and LED flash	**Security**	TPM 1.2 Optional Janus USB Ignition Key, Phoenix SecureWipe
Data Collection	• Magnetic stripe reader (snap-on option) • Smart card reader-CAC (snap-on option) • NFC (snap-on option) • 2D barcode reader (built-in option)	**Accessories**	INCLUDED: • Stylus Pen • Hand strap • Shoulder strap • Handle • Power adapter OPTIONAL: • Desktop Dock • Vehicle Dock • VESA Mount Bracket • 2-bay Battery Charger • Long Life Battery Pack

*** Specifications subject to change without notice ***

2MP-CAMERA
MIC-IN   MIC-IN
SWITCH
MICRO HDMI
MICRO SIM
MICRO SD
USB 3.0
AUDIO JACK
ETHERNET
PROGRAMMABLE BUTTON
POWER   VOLUME   WINDOWS
BARCODE TRIGGER
KENSINGTON LOCK   PASS-THROUGH   DOCKING CONNECTOR
REMOVABLE BATTERY   5MP-CAMERA   BARCODE READER (OPTIONAL)
DC-IN
RS-232
SNAP-ON
DIGITIZER PEN