

APEX PM5

FULLY RUGGED 10.1" TABLET

AMREL[®]
Pioneering Customized Rugged Solutions

*Sharp & tough
with balanced
performance*



Truly superior image quality

APEX PM5 Fully Rugged 10.1" sunlight readable tablet has one of the brightest, sharpest displays on the market. Its 1000 nits rating, bright backlight, anti-reflective coatings, and directly bonded LCD layers grants you exceptional image quality and detail.

ATOM performance & battery life

The energy-thrifty Intel[®] Atom[™] processor E3827 gives you balance between performance and power consumption.

IP65, MIL-STD-810G & 5 foot drop

Built by AMREL, the ruggedness experts, the APEX PM5 Tablet can operate in the frigid cold of commercial freezers or the stifling heat of the most severe deserts. With scratch-resistant Corning Gorilla Glass 3, tough magnesium chassis, and a durable ABS plastic cover, the APEX PM5 Tablet will work in the harshest environments.

Multiple options

Choose among full Windows 7, Windows Embedded 8.1 or Windows 10 Internet of Things. Options include snap-on modules for magnetic stripe reader, smart card (CAC), NFC, as well as 2D barcode. Also available are vehicle docks, desktop docks, VESA mount brackets, 2-bay battery chargers, and dual capacity battery packs.

- Sunlight readable, 1920 x 1200 1000 nit display
- Corning Gorilla Glass 3
- Intel[®] Atom[™] processor E3827 1.75GHz
- Full & Embedded Windows OS
- Dual cameras, 1920 x 1080 recording format
- Capacitive multi-touch supports glove touch
- GNSS, Wi-Fi, Bluetooth, optional 4G LTE
- Dual pass-through connector for WLAN, GNSS, WWAN
- Vehicle & desktop docks available
- Readers Options: Smart card (CAC), NFC, & 2D barcode
- Less than 1-inch thick

SPECIFICATIONS - APEX PMS FULLY RUGGED 10.1" TABLET

Operating System	<ul style="list-style-type: none"> • Windows 10 IoT Enterprise 2015 LTSB • Windows Embedded 8.1 Industry 64-bit • Windows Embedded Standard 8 64-bit • Windows 7 Professional 64-bit • Windows Embedded Standard 7 64-bit 	Sensor	Gyroscope, G-sensor, E-compass, light sensor		
CPU	Intel® ATOM™ Processor E3827 1.75 GHz	Power Adapter	AC 100V~240V, 50~60Hz Input; 19VDC@3.42A, 65W		
Memory	4GB DDR3L (8GB option)	Battery	<ul style="list-style-type: none"> • Standard : 4500mAh, 10.8V, hot swappable battery Battery operation* : 6 hours • Extended : 9000mAh, 10.8V, hot swappable battery (option) Battery operation* : 12 hours <small>*The listed battery life is based on Mobile Mark 2012® media mode testing.</small>		
Storage	128GB mSATA SSD (optional 256GB)	I/O Interface	<ul style="list-style-type: none"> • USB 3.0 type A x 1 • Gigabit ethernet (RJ-45) x 1 • RS-232 (optional for USB 2.0 type A) • Audio jack (headphone/microphone combo) x 1 • RF pass-through connector x 2 for WLAN, GNSS, WWAN • 12-pin docking connector x 1 • Micro SD slot x 1, Micro SIM slot x 1, Micro HDMI x 1 • Speaker & microphone 		
Display	<ul style="list-style-type: none"> • 10.1" WUXGA (1920 x 1200), 1000 nits sunlight readable • 10-point capacitive touch supports glove touch, water rejection, palm rejection, 2mm hard tip stylus • Gorilla Glass3 • Digitizer (option) 	Dimensions and Weight	11" x 7.7" x 0.9" (28 x 19.5 x 2.3 cm) 3.0 lbs (1.36 kg)		
Graphic	Intel HD Graphics	LED Indicator	<ul style="list-style-type: none"> • Power on/off • Wi-Fi on/off • Fn on/off • Battery full /charging/low 		
RF	<ul style="list-style-type: none"> • Wi-Fi 802.11 a/b/g/n/ac • Bluetooth V4.0 • Optional 3.5G or 4G LTE • GNSS(GPS/Glonass/BeiDou) 	Rugged Features	IP65, MIL-STD-810G, shock & vibration, 5 feet drop		
Webcam	<ul style="list-style-type: none"> • 2MP front camera • 5MP rear camera with auto focus and LED flash 	Environment	<ul style="list-style-type: none"> • 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 5%~95% 		
Data Collection	<ul style="list-style-type: none"> • NFC (snap-on option) • Smart card reader (CAC) (snap-on option) • 2D barcode reader (built-in option) 	Security	TPM 1.2		
Control Button	<ul style="list-style-type: none"> • Programmable button x 3 • Barcode trigger x 1 • Power, volume, Windows button 	Accessories	<table border="0"> <tr> <td style="vertical-align: top;"> INCLUDED: <ul style="list-style-type: none"> • Pen • Hand strap • Shoulder strap • Handle • Power adapter </td> <td style="vertical-align: top;"> OPTIONAL: <ul style="list-style-type: none"> • Vehicle Dock • Desktop Dock • VESA Mount Bracket • 2-bay Battery Charger • Long Life Battery Pack </td> </tr> </table>	INCLUDED: <ul style="list-style-type: none"> • Pen • Hand strap • Shoulder strap • Handle • Power adapter 	OPTIONAL: <ul style="list-style-type: none"> • Vehicle Dock • Desktop Dock • VESA Mount Bracket • 2-bay Battery Charger • Long Life Battery Pack
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Specifications subject to change without notice

