

APEX PX5

FULLY RUGGED 10.1" TABLET



AMREL®
Pioneering Customized Rugged Solutions

Fast, Tough, & Sharp



Truly superior image quality

APEX PX5 Fully Rugged 10.1" 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, even in the brightest sunlight.

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

The APEX PX5 Tablet can operate in the frigid cold of commercial freezers or the stifling heat of the most severe deserts. Bake it, shake it, drown it, drop it – this tablet will still keep on working. With scratch-resistant Corning Gorilla Glass 3, tough magnesium chassis, and a durable ABS plastic cover, you can have complete confidence in the APEX PX5 Tablet no matter where you take it.

Powerful processor for quick operation

Boasting a speedy Intel® Core™ i5 processor, the APEX PX5 Tablet is ideal for graphic and other data-intensive applications.

Multiple options

For operating systems, you can choose full Windows 7, Windows Professional or 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 for extended use.

- Sunlight readable, 1000 nit display
- 10.1" WUXGA (1920 x 1200)
- Corning Gorilla Glass 3
- Full & Embedded Windows OS
- Dual cameras
- 1920 x 1080 recording format
- Capacitive multi-touch supports glove touch
- GNSS, Wi-Fi, Bluetooth, optional 4G LTE
- Hot swappable battery design
- Dual pass-through connector for WLAN, GNSS, WWAN
- Vehicle & desktop docks available
- Reader Options: Magnetic stripe, Smart card (CAC), NFC, & 2D barcode
- Supports Public Safety, Industrial, and Commercial applications

SPECIFICATIONS - APEX PX5 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	<ul style="list-style-type: none"> Intel® Core™ i5-4300U vPro™ 1.9GHz processor (Haswell 4th generation) Intel® Core™ i5-5350U vPro™ 1.8GHz processor (Broadwell 5th generation) 	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* : 11 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	<ul style="list-style-type: none"> Intel i5-5350U: Intel HD Graphics 6000 Intel i5-4300U: Intel HD Graphics 4400 	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-S TD-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 140° F (-20° C to 60° C) Storage temperature -22° F to 158° F (-30° C to 70° C) Humidity 5%~95% 		
Data Collection	<ul style="list-style-type: none"> Magnetic stripe reader (snap-on option) Smart card reader-CAC (snap-on option) NFC (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

