

APEX PA5

10.1" RUGGED ANDROID TABLET

AMREL[®]
Pioneering Customized Rugged Solutions

Fast, Tough, Energy Efficient, & Sharp



Truly superior image quality

APEX PA5 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.

Android & long battery life

The super-efficient Android operating system gives you a longer battery life. Up to 25% longer than Windows.

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

Built by AMREL, the ruggedness experts, the APEX PA5 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 PA5 Tablet no matter where you take it.

Multiple options

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
- 1920 x1080 1000 nit display
- Corning Gorilla Glass 3
- Android 4.2
- TI Dual Core Cortex A9 OMAP4470 1.5GHz
- Dual cameras
- 1920 x1080 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
- Readers Options: Magnetic stripe, Smart card -CAC, NFC, & 2D barcode
- Less than an inch thick

SPECIFICATIONS - APEX PA5 FULLY RUGGED 10.1" TABLET

Operating System	Android 4.4 (KitKat)	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 RAM	Battery	<ul style="list-style-type: none"> Standard : 4500mAh, 10.8V, hot swappable battery Battery operation* : 6 hours Extended (option): 9000mAh, 10.8V, hot swappable battery Battery operation* : 12 hours <p><small>*The listed battery life is based on Mobile Mark 2014** media mode testing.</small></p>				
Storage	Standard: 32GB eMMC Option: 64GB eMMC	I/O Interface	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Power on/off Wi-Fi on/off Fn on/off Battery full /charging/low 				
Control Button	<ul style="list-style-type: none"> Programmable button x 3 Barcode trigger x 1 Power, volume, home button 	Rugged Features	MIL-STD 810G & IP-65 Certified Vibration, shock, and 5-foot drop				
Communication	<ul style="list-style-type: none"> Wi-Fi 802.11 a/b/g/n Bluetooth V4.0+EDR GNSS(GPS/Glonass/BeiDou) Optional 4G LTE 	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: 95%, non-condensing 				
Camera	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> NFC + Smart card reader (CAC) (Snap-on option) 2D barcode reader (built-in option) 	Accessories	<table border="0"> <tr> <td>INCLUDED:</td> <td>OPTIONAL:</td> </tr> <tr> <td> <ul style="list-style-type: none"> Stylus Pen Hand strap Shoulder strap Handle Power adapter </td> <td> <ul style="list-style-type: none"> Desktop Dock Vehicle Dock VESA Mount Bracket 2-bay Battery Charger Long Life Battery Pack </td> </tr> </table>	INCLUDED:	OPTIONAL:	<ul style="list-style-type: none"> Stylus Pen Hand strap Shoulder strap Handle Power adapter 	<ul style="list-style-type: none"> Desktop Dock Vehicle Dock VESA Mount Bracket 2-bay Battery Charger Long Life Battery Pack
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** Specifications subject to change without notice **

