

# APEX PA5

FULLY RUGGED 10.1" 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

<b>Operating System</b>	Android 4.2	<b>Sensor</b>	Gyroscope, G-sensor, E-compass, light sensor		
<b>CPU</b>	TI Dual Core Cortex A9 OMAP4470 1.5GHz	<b>Power Adapter</b>	AC 100V~240V, 50~60Hz Input; 19VDC@3.42A, 65W		
<b>Memory</b>	2GB LPDDR2	<b>Battery</b>	<ul style="list-style-type: none"> <li>Standard : 4500mAh, 10.8V, hot swappable battery Battery operation* : 6 hours</li> <li>Extended : 9000mAh, 10.8V, hot swappable battery (option) Battery operation* : 11 hours</li> </ul> <small>*The listed battery life is based on Mobile Mark 2012<sup>®</sup> media mode testing.</small>		
<b>Storage</b>	32GB eMMC (option 64GB)	<b>I/O Interface</b>	<ul style="list-style-type: none"> <li>• USB 2.0 type A x 1, Micro USB x 1</li> <li>• Gigabit ethernet (RJ-45) x 1</li> <li>• RS-232 x 1</li> <li>• Audio jack (headphone/microphone combo) x 1</li> <li>• RF pass-through connector x 2 for WLAN, GNSS, WWAN</li> <li>• 12-pin docking connector x 1</li> <li>• Micro SD slot x 1, Micro SIM slot x 1, Micro HDMI x 1</li> <li>• Speaker &amp; microphone</li> </ul>		
<b>Display</b>	<ul style="list-style-type: none"> <li>• 10.1" WUXGA (1920 x 1200), 1000 nits sunlight readable</li> <li>• 5-point capacitive touch supports glove touch, water rejection, palm rejection, 2mm hard tip stylus</li> <li>• Gorilla Glass3</li> <li>• Digitizer (option)</li> </ul>	<b>Dimensions and Weight</b>	11" x 7.7" x 0.9" (28 x 19.5 x 2.3 cm) 2.9 lbs (1.32 kg)		
<b>Control Button</b>	<ul style="list-style-type: none"> <li>• Programmable button x 3</li> <li>• Barcode trigger x 1</li> <li>• Power, volume, home button</li> </ul>	<b>LED Indicator</b>	<ul style="list-style-type: none"> <li>• Power on/off</li> <li>• Wi-Fi on/off</li> <li>• Fn on/off</li> <li>• Battery full /charging/low</li> </ul>		
<b>RF</b>	<ul style="list-style-type: none"> <li>• Wi-Fi 802.11 a/b/g/n</li> <li>• Bluetooth V4.0</li> <li>• Optional 3.5G or 4G LTE</li> <li>• GNSS(GPS/Glonass/BeiDou)</li> </ul>	<b>Rugged Features</b>	IP65, MIL-STD-810G, shock & vibration, 5 feet drop		
<b>Webcam</b>	<ul style="list-style-type: none"> <li>• 1.2MP front camera</li> <li>• 5MP rear camera with auto focus and LED flash</li> </ul>	<b>Environment</b>	<ul style="list-style-type: none"> <li>• Operating temperature -4° F to 140° F (-20° C to 60° C)</li> <li>• Storage temperature -22° F to 158° F (-30° C to 70° C)</li> <li>• Humidity 5%~95%</li> </ul>		
<b>Data Collection</b>	<ul style="list-style-type: none"> <li>• NFC</li> <li>• 2D barcode reader (built-in option)</li> <li>• Smart card reader-CAC (snap-on option)</li> <li>• Magnetic Stripe Reader (snap-on option)</li> </ul>	<b>Accessories</b>	<table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top;"> <b>INCLUDED:</b> <ul style="list-style-type: none"> <li>• Pen</li> <li>• Hand strap</li> <li>• Shoulder strap</li> <li>• Handle</li> <li>• Power adapter</li> </ul> </td> <td style="vertical-align: top;"> <b>OPTIONAL:</b> <ul style="list-style-type: none"> <li>• Vehicle Dock</li> <li>• Desktop Dock</li> <li>• VESA Mount Bracket</li> <li>• 2-bay Battery Charger</li> <li>• Long Life Battery Pack</li> </ul> </td> </tr> </table>	<b>INCLUDED:</b> <ul style="list-style-type: none"> <li>• Pen</li> <li>• Hand strap</li> <li>• Shoulder strap</li> <li>• Handle</li> <li>• Power adapter</li> </ul>	<b>OPTIONAL:</b> <ul style="list-style-type: none"> <li>• Vehicle Dock</li> <li>• Desktop Dock</li> <li>• VESA Mount Bracket</li> <li>• 2-bay Battery Charger</li> <li>• Long Life Battery Pack</li> </ul>
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Specifications subject to change without notice

