

APEX AT80

8" FULLY RUGGED TABLET

AMREL[®]
Pioneering Customized Rugged Solutions



PLATFORM READY FOR EASY CUSTOMIZATION



Slim Yet Strong



Specialized Ports



Integrated Options

Slim. Light. Strong.

Adapted from aeronautic design, this single billet, one piece aluminum chassis is lightweight and strong.

Designed for durability

Don't let its slender form factor fool you. The Flexpedient AT80 is tough as nails. We've dunked, baked, and froze this durable Android tablet and it still works. With an IP67 rating, it's Ideal for field work in challenging environments. You will not find a more reliable tablet solution.

Ready for customization

Many modifications require only minimal NRE and can be made within weeks or even less. Quickly and easily integrate:

- Card swipe
- Biometric Sensor
- Connector
- Serial Port
- USB Port
- Joystick
- Antenna
- Keyboard (USB or Bluetooth)
- Trackpad (USB or Bluetooth)
- Integrate your application device

APEX AT80 TECHNICAL SPECIFICATIONS

Item	Standard
Processor	Texas Instrument OMAP 4470 Dual-core 1.5GHz
Memory	1GB LPDDR RAM
Storage (Built-In)	8 GB
Micro SD	Supports SDHC up to 32GB
Display	8-inch LCD (1024x768), 450 nits Optically bonded
Touch screen	10-point Capacitive
Front Camera	5MP Camera Module
Rear Camera	5MP Camera Module (Optional: Rear camera flash)
OS	Android 4.3
Wireless	802.11 b/g/n
GPS	Yes
3G	Supports 3G modem
I/O Ports	Micro SD card x 1, Power jack x 1, USB2.0 Host/ OTG x 1, Speakers x 2, Headphone x 1, 3.5mm headphone jack x 1 Internal: PCIe/USB x 1, SIM holder x 1 Options: Serial x 1 (RS232/422/485), Ethernet 10/100 (RJ45) x 1, USB2.0 Host x 2

Item	Standard
Power input	12V power jack
Vibrator motor	Yes
G-Sensor	Yes
Light Sensor	Yes
Accelerometer	Yes
E-Compass	Yes
Battery	3.7V/4200 mAh Lithium Polymer Battery
3G Module	Optional 3G Module Cinteron LGA PXS8
Size	9.44 (L) x 6.88 (W) x 0.94 in (H) (with bumpers) 239.78 x 174.75 x 23.88 mm (with bumpers)
Weight	1.65 lbs (0.75 kg)
Available Color	Moon Gray, Sky Blue, Pirates Gold, Mari- gold, Sunset, Titanium, Crimson, Sage, Forest, Steel Blue

ENVIRONMENTAL RATINGS

MIL-STD 810G Certified

Altitude	Method 500.5, Procedure I & II
High Temperature	Method 501.5, Procedure I & II
Low Temperature	Method 502.5, Procedure I & II
Vibration, Category 4	514.6C-1, Category 4
Vibration, Category 20	514.6C-1, Category 20
Rain	Method 506.5, Procedure II
Humidity	Method 507.5
Operational Shock	Method 516.6, Procedure I
Transit Drop	Method 516.6, Procedure IV
Crash Hazard Impulse Shock	Method 516.6, Procedure V
Bench Handling	Method 516.6, Procedure VI

IEC IP-67 Certified

Dust-protected; water immersion up to 3ft

**Specifications subject to change without notice*

