

FLEXPEDIENT®

**AT80**

RUGGED TABLET



**AMREL®**  
Pioneering Customized Rugged Solutions



## PLATFORM 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

# FLEXPEDIENT® AT80 TECHNICAL SPECIFICATIONS

Item	Standard
<b>Processor</b>	Texas Instrument OMAP 4470 Dual-core 1.5GHz
<b>Memory</b>	1GB LPDDR RAM
<b>Storage (Built-In)</b>	8 GB
<b>Micro SD</b>	Supports SDHC up to 32GB
<b>Display</b>	8-inch LCD (1024x768), 350 nits Optically bonded
<b>Touch screen</b>	10-point Capacitive
<b>Front Camera</b>	5MP Camera Module
<b>Rear Camera</b>	5MP Camera Module (Optional: Rear camera flash)
<b>OS</b>	Android 4.3
<b>Wireless</b>	802.11 b/g/n
<b>GPS</b>	Yes
<b>3G</b>	Supports 3G modem
<b>I/O Ports</b>	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 <b>Internal:</b> PCIe/USB x 1, SIM holder x 1 <b>Options:</b> Serial x 1 (RS232/422/485), Ethernet 10/100 (RJ45) x 1, USB2.0 Host x 2

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

## ENVIRONMENTAL RATINGS

### MIL-STD 810G Certified

<b>Altitude</b>	Method 500.5, Procedure I & II
<b>High Temperature</b>	Method 501.5, Procedure I & II
<b>Low Temperature</b>	Method 502.5, Procedure I & II
<b>Vibration, Category 4</b>	514.6C-1, Category 4
<b>Vibration, Category 20</b>	514.6C-1, Category 20
<b>Rain</b>	Method 506.5, Procedure II
<b>Humidity</b>	Method 507.5
<b>Operational Shock</b>	Method 516.6, Procedure I
<b>Transit Drop</b>	Method 516.6, Procedure IV
<b>Crash Hazard Impulse Shock</b>	Method 516.6, Procedure V
<b>Bench Handling</b>	Method 516.6, Procedure VI
<b>IEC IP-67 Certified</b>	Dust-protected; water immersion up to 3ft

*\*Specifications subject to change without notice*

