APEX AT80 NEW!
MOBILE, MOUNTED, OR HYBRID TABLET

AMREL ®
Pioneering Customized Rugged Solutions

World's Most Versatile Mobile Device

Whether you need a Commercial Off-the-Shelf (COTS) product or want to Build Your Own solution, AT80 is the ideal platform. Adapted from aeronautic design, its single billet, one-piece aluminum chassis is light, strong, and tough. The AT80 successfully operates in extreme environmental conditions, including heat, cold, humid, water, dust, vibration, and drops.

Smart control panel
8" Smart control panel mounts on any equipment, surface, or vehicle. Ideal for extreme environmental conditions.

Rugged Android tablet
8" Fully rugged Android tablet designed for harsh environments (e.g. water, dust, extreme heat, cold, shock, vibration)

APEX AT80

MIL-STD 810G Certified   IP-RATING 67

Custom or All-in-One (AIO) Solution
Double the real estate of the tablet and create your own proprietary solution without full development cost and time.

1.25"

0.94"

Build-Your-Own-Module (BYOM)
Build your own solution by integrating your proprietary technology into our universal module.
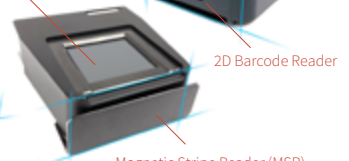
Single or Dual Fingerprint Scanner

2D Barcode Reader

Magnetic Stripe Reader (MSR)

Smart Card Reader

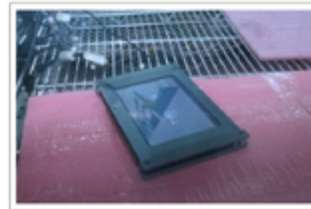| Item	Standard
Processor	Texas Instrument OMAP 4470 Dual-core 1.5GHz
Memory	1GB LPDDR RAM
Storage (Built-In)	8 GB
Micro SD	Supports SDHC up to 32GB
Display	8-inch LCD (1024x600), 450 nits, Optically bonded
Touch screen	10-point Capacitive
Front Camera	5MP Camera Module
Rear Camera	5MP Camera Module (Optional: Rear camera flash)
OS	Android 4.3
Wireless	802.11 b/g/n
GPS	Yes
3G	Optional - 3G Cinteron LGA PXS8
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
Size	9.44" (L) x 6.88" (W) x 0.94" (H) (with bumpers) | 239.78 mm x 174.75mm x 23.88mm (with bumpers)
Weight	1.65 lbs (0.75 kg)
Available Color	Moon Gray, Sky Blue, Pirates Gold, Marigold, Sunset, Titanium, Crimson Red, Sage Green, Forest Green, 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

RUGGEDIZED

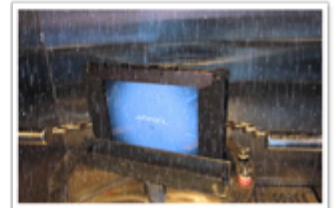

LOW TEMPERATURE TEST

HIGH TEMPERATURE TEST

VIBRATION TEST

RAIN TEST

Specifications subject to change without notice

Personalize

- Brand your device
- Choose from 10 different colors

Light &Thin

- 1.65 lbs (0.75 kg)
- Less than 1 inch thick

AMREL®
AMERICAN RELIANCE, INC

Questions? Contact Us:
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http://www.amrel.com