

**GOES TO EXTREMES. AND BACK.**



## **ARMOR C12 RUGGED CONVERTIBLE NOTEBOOK**

The all-new ARMOR C12 Rugged Convertible Notebook with Intel® processing technology provides the ultimate in mobility due to its lightweight design and multi-use feature of transforming from a 12.1-inch tablet to a compact notebook computer with a full-size keyboard. Designed, manufactured and qualified to MIL-STD-810F, the ARMOR product line is tested for drop-shock, moisture, dust and vibration resistance, temperature extremes as well as other conditions mobile workers face daily in the field, on the road or in the office.

Housed in a magnesium case, the ARMOR C12 Convertible Notebook provides IP 54 level protection from dust, dirt, water and other damaging elements. With integrated Wi-Fi, Ethernet, SD, Type II PCMCIA slot and security features such as fingerprint recognition, hard drive password protection, and trusted platform



module (TPM) security, the ARMOR C12 Convertible Notebook offers flexible user options for any mobile application.

With standard features such as a outdoor viewable touch screen display, backlight keyboard, detachable hard drive and exceptional battery performance, the ARMOR C12 Convertible Notebook is the ideal solution for industrial and government customers interested in protecting valuable data in harsh environments and increasing mobile worker efficiency.

**ARMOR**  
RUGGED MOBILE SOLUTIONS

## PRODUCT HIGHLIGHTS

- Rugged, light-weight design
- IP 54 level protection
- Outdoor readable display
- Shock-resistant structure
- Fingerprint recognition security sensor
- HDD data eraser & device protector
- 12.1-inch LCD convertible monitor
- High reliability with fan-less casing
- Detachable hard disk drive
- Built-in wireless LAN



### EXTREME TEMPS

The C12 stands up to temperatures that cause lesser systems to fail.



### GLARE

12.1-inch LCD convertible monitor is readable in all lighting conditions, including direct sunlight.



### MOISTURE

The C12 keeps water out and data safe.



### IMPACT

Survives drops up to 36 inches.



### VIBRATION

Magnesium alloy housing stands up to the pounding of being mounted in field-ready vehicles.



### DUST AND SAND

Sturdy design is tested and certified to MIL-STD-810F and IP 54.

## COMPUTER FEATURES

Processor	1.2 GHz (ULV) Intel Core Solo Processor U1400
Memory	512 MB standard (2 GB max), DDR2 - SODIMM X 1 slot
Hard disk drive	60 GB HDD or 32 GB SSHD*, removable, shock-mounted
Display	12.1-inch LCD (XGA: 1024 x 768) with 600 nit touch screen
Keyboard	Full-size 84 keys, backlight
Operating system	Microsoft Windows® XP Tablet or Linux
Expansion	1 PC card Type II, 1 secure digital (SD) memory card
I/O ports	1 serial, 1 analog RGB output (UXGA: 1600 x 1200), 3 USB 2.0, 1 MIC input (stereo), 1 audio output, 1 LAN (10/100/1000 ethernet), 1 56 K modem
Wireless LAN	1000/BASE-T, 100BASE-TX, 10BASE-T; integrated wireless IEEE 802.11a/b/g; integrated Bluetooth 2.0
Security	Fingerprint recognition system*, trusted platform module (TPM) security chip
Battery	Up to 6 hours usage
Weight	5.2 lbs. (2.4 kg) including battery
Dimensions	11.2 x 10 x 1.9 inches (28.4 x 25.5 x 4.8 centimeters)

## ENVIRONMENTAL

Temperature	-20°C to 50°C operating,* -40°C to 70°C non-operating, IEC 68-2-1,2,14, MIL-STD-810F, Method 507.4
Humidity	5% to 95% RH non-condensing per IEC 68-2-13, MIL-STD-810F, Method 507.4, 502.4
Altitude	15,000 ft operating, 40,000 ft non-operating, 2,000 ft/min rate of change per IEC 68-2-13, MIL-STD-810F, Method 500.4
Shock	Operating: 147 m/s <sup>2</sup> , 11 ms, half sine wave, non-operating: 490 m/s <sup>2</sup> , 11 ms, half sine wave, per IEC 68-2-27, MIL-STD-810F, Method 516.5
Vibration	Operating: 10 ~ 55 Hz/0.075 mm, 55 ~ 500 Hz/1.0 G, non-operating: 10 ~ 55 Hz/0.15 mm, 55 ~ 500 Hz/2.0 G, per IEC 68-2-6, MIL-STD-810F, Method 514.5
Dust	IP 54, IEC 529, MIL-STD-810F
Water	IP 54, IEC 529, MIL-STD-810F
Certification	FCC, CE UL/TUV Standards

## ACCESSORIES

Docking	Cradle mount
Supply	Vehicle DC/DC power supply, DC power supply
Carry Case	Soft case or X-strap
Input	Replacement stylus

\*Denotes optional item



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