



Rugged Tablet PCs by

Mettenmeier



ARMOR X7

Compact Rugged Tablet PC

ARMOR
RUGGED MOBILE SOLUTIONS

www.robust-pc.com

ARMOR X7 – RUGGED AND COMPACT



The ARMOR X7 is a compact, rugged Tablet PC. Designed to exceed the needs of mobile workforces, it combines industry-leading durability and reliability with new mobility enhancements and high-performance processing.

The ARMOR X7 promises amazing sunlight viewability with an exclusive bonded display. This transmissive, energy efficient 7" LCD display is equipped with a dual mode panel supporting touch and pen functionality and integrated polarizer for improved usability and visibility.



To reduce weight and maintain durability, the ARMOR X7 has a composite housing with magnesium frame and rubber overmold. This light 2.85 lbs / 1.3 kg chassis is equipped with ShutOut™ technology, providing IP 65 certified sealing while still offering external interfaces without port covers that can compromise the product's integrity.

Inside, a solid state hard drive, integrated 802.11n WLAN with Bluetooth® and optional GPS and WWAN provide extreme data protection and reliable connectivity. Meanwhile, the customer or user accessible FlexSpace™ open-source bay supports a wide range of additional functions.



Dual hot-swappable batteries paired with an Intel® Atom™ N450 processor provide up to 8 hours of run time. This highly efficient unit also comes standard with a 2.0 MP camera and fingerprint scanner.

Manufactured and certified to MIL-STD-810F/G standards, the ARMOR X7 is tested for six-foot drop-shock, moisture, dust, vibration resistance, temperature and other extreme conditions.

It's the ideal solution for workforces that need the best in durability, efficiency and light-weight portability in an extremely manageable and efficient computer.

GOES TO EXTREMES. AND BACK.



DROP AND SHOCK



VIBRATION



MOISTURE



DUST AND SAND



EXTREME TEMPS



GLARE



TECHNICAL DATA

ARMOR
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Environmentals

- Drop/shock certified to 6 ft to MIL-STD-810G, method 516.5 (26 total drops, every face / edge / corner)
- Sealing IP 65 IEC 60529 egress; compatible with Cat. II chemical solvents, Cat. III cleaners and Cat. IV industrial chemicals
- Temperature Operating: -4° F to +140° F / - 20° C to +60° C
Storage: -40° F to +158° F / -40° C to +70° C
Shock (operating): min temperature +68° F / +20° C
- Humidity +40° F to 140° F / +5° C to +60° C, 95 % relative humidity
- Altitude 20,000 ft / 6,096 m
- Vibration 514.5, procedure 1, category 3, MIL-STD-810G
- Harzadous location Optional: ISAFE: UL 1604 class 1, division 2, groups A, B, C and D; CSA C22.2 No. 213-M1987; EN60079-0, EN60079-15:2005 (ATEX), ESD 22 kV air
- Certificates TUV, CSA, FCC Part 15, CE Mark, E-Mark, Energy Star, EPEAT, ATEX

Basic features

- Display 7" (17.8 cm) WSVGA 1024 x 600 transmissive sunlight-readable LCD, bonded with anti-glare, anti-reflective screen treatments, LED backlighting with automatic light sensor, display protection
- Input Screen: autosense dual-mode includes both digitizer pen and resistive touch
Buttons: Power, Windows SAS, shift, P1, P2 and P3; programmable for 6 functions
- Camera 2.0 MP with barcode reading capability
- Processor Intel® Atom™ N450 1.66 GHz Hyper-Threading processor with enhanced Intel Speedstep® Technology, 512 KB L2 Cache, DMI (Direct Media Interface), Intel® Integrated Graphic
- Memory 2 GB standard, DDR2 667 MHz SDRAM
- Mass storage Intel® mSATA Solid-State-Drive (SSD) with 40 GB capacity, 80 GB available
FlexSpace™ access to SD/SDHC card reader 8 GB, 16 GB and 32 GB SDHC cards available
- Operating system Microsoft® Windows 7 Professional (32-bit), Ultimate version available
- External interfaces USB-mini, docking connector, DC Power Jack
- Expansions FlexSpace™: User accessible open-source bay interface specification supporting 3rd party or application specific functions, mini-PCIe socket, SIM card socket, USB 2.0 Ports (Qty 2), RS-232 Port, +5 V, 1 A & +3.3 V, 1 A power for active modules
Expansion Bay: 2x USB 2.0 Port, RS-232 Port, +5 V, 1 A & +3.3 V, 1 A power for active modules
- Wireless Standard: WLAN 802.11 n MIMO 2 x 2 Wireless LAN connectivity (WLAN), Bluetooth® version 2.1 + EDR (class 2)
Optional: integrated GPS switchable to docking RF connector, integrated WWAN module and antenna
- Security Password security, support for encrypted drives, TMP security chip version 1.2, fingerprint scanner, ISO 7816 smart card (FIPS 201) compliant
- Dimensions 8.9" x 5.9" x 2.1" / 225 x 150 x 54 mm
- Weight 2.85 lbs / 1.3 kg (includes two standard battery packs)

Power supply

- Battery Twin hot-swappable lithium ion battery pack allows for one or two battery operation (2950 mAh) or high capacity battery packs available (5900 mAh)
- AC Adapter AC 100-240 V 50/60 Hz, auto sensing and switching worldwide power supply

SERVICE & SUPPORT



Regardless of whether you have an installation task or require technical assistance. With over 25 years of experience as a manufacturer, we offer a comprehensive and profound technical service. Our team is there for you during normal business hours under +49 5251 150-500 or at support@robust-pc.de.

WARRANTY



Our products meet the highest quality standards. Your ARMOR Tablet PC is delivered with 3 years full warranty and 6 months on batteries. In addition, we offer the ARMORcare™-service levels for extended protection.

PERFORMANCE AND ACCESSORIES

ARMOR X7

- Touchscreen
- Intel®-mSATA-SSD 40 GB
- 1,66 GHz Processor
- Microsoft® Windows 7 Professional
- 2 batteries
- 2 MP camera
- Power supply
- Display protection
- 3 years warranty



ARMOR X7 – FEATURES

- Lightweight and compact
- Gobi™ Mobile Broadband Connectivity
- Intel Solid State Storage
- Integrated 802.11 a/g/n WiFi, Bluetooth and GPS
- Intel® Atom™ N450 1.66 GHz Processor with Enhanced Intel SpeedStep® Technology
- 7-inch WSVGA, Sunlight-readable, dual mode display
- Integrated camera/bar code scanner
- Hot-swappable batteries
- Sealed, fanless design
- Certified to MIL-STD-810G and IP 67

Accessories

- Handling with pen
- GPS
- Gobi™-WAN-HF
- Spare battery
- AC-adapter
- Car adapter
- Double charger
- Car docking station
- Desktop docking station



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