

DRS ARMOR X7 Fully Rugged Tablet

The all-new ARMOR X7 is a small, portable tablet with all of the essential features you expect from DRS Technologies. 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 readability with an exclusive bonded display. This transmissive, energy efficient 7" LCD display is equipped with a dual mode panel supporting both 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 2.85lb chassis is equipped with ShutOut™ technology, providing IP65 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 3rd party 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 2.0MP 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 lightweight portability in an extremely manageable and efficient computer.

Key Features

Highly portable at only 2.85 lbs.
Amazing 7-inch WSVGA sunlight-readable dual mode display
Integrated WWAN/Cellular, WWAN/802.11n, Bluetooth® and GPS
Intel® Atom™ N450 Processor with Enhanced Intel Speedstep® Technology
IP65 & MIL-STD-810F/G Certified



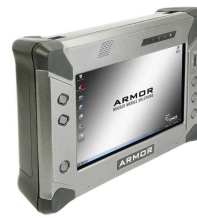
Rugged Systems is one of Europe's leading suppliers of rugged, mobile computer, display and communications solutions and services. Specialising in applications such as test & measurement, command and control, data acquisition, secure data & computing, TEMPEST and ultra-reliable message transfer over noisy tactical communication channels. The company strives to be innovative and provide cost effective solutions, through many years of knowledge and experience

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Specifications



FUNCTIONAL

Processor	Intel® Atom™ N450 1.66GHz Hyper-threading Processor 512KB L2 Cache
Memory	2GB DDR2 667MHz SDRAM
Storage	mSATA SSD 40GB (Optional mSATA SSD 80GB) Flexspace access to SD/SDHC Card Reader 8GB, 16GB and 32GB SDHC cards available
Display	7.0"/17.8cm WSVGA 1024 x 600, Transmissive sunlight-readable LCD Bonded and Anti-glare, anti-reflective screen treatments LED backlighting with Automatic Light Sensor
I/O Ports	USB-mini, Docking Connector, DC PowerJack
Security Features	Password security, support for encrypted drives, TPM security chip v.1.2, fingerprint scanner, ISO 7816 Smart Card (FIPS 201) compliant
Expansion	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, +5V, 1A & +3.3V, 1A power for active modules Expansion Bay: 2x USB 2.0 Port, RS-232 Port, +5V, 1A & +3.3V, 1A power for active modules
Integrated Communications	Standard: 802.11n MIMO 2x2 Wireless LAN connectivity (WLAN), Bluetooth V2.1 + EDR (Class 2) Optional: Integrated GPS switchable to docking RF connector, Integrated WWAN Module and Antenna
Operating System	Microsoft® Windows 7 Professional (32-bit), Ultimate version available

ENVIRONMENTAL (MIL-STD 810G)

Temperature	According to IEC 68-2-1,2,14 / MIL-STD-810G, Method 501.4, 502.4 -4° to +140° F / -20° to +60° C Operating -40° to +158° F / -40° to +70° C Storage +20° C min temperature shock operating
Humidity	+40° to 140° F / +5° to 60° C, 95% RH
Water/Dust	IP65 IEC 60529 egress Compatibility with Cat II Chemical Solvents, Cat III Cleaners and Cat IV Industrial Chemicals
Vibration	30g, 11ms, half-sine operational shock
Drop	According to IEC 68-2-32 / MIL-STD-810G, Method 516.6
Altitude	According to IEC 68-2-13/ MIL-STD-810G, Method 500.4 20,000ft/6,096m
Hazardous Location	UL 1604 Class I, Division 2, Groups A, B, C and D; CSA C22.2 No. 213-M1987; EN60079-0, EN60079-15:2005 (ATEX), ESD 22 kV air TUV, CSA, FCC Part 15, CE Mark, E-Mark, Energy Star, EPEAT, ATEX
Certificates	TUV, CSA, FCC Part 15, CE Mark, E-Mark, Energy Star, EPEAT, ATEX

PHYSICAL

Dimensions	8.9" x 5.9" x 2.1" (max.) / 225 x 150 x 54 mm
Weight	2.85 lbs / 1.3 kg (includes two standard battery packs)
Structure	Fully rugged MIL-STD 810G and IP65 compliance Composite housing with magnesium frame and rubber over mold, Sealed ports and connectors Vibration & drop-shock resistant

ELECTRICAL

AC Input	AC 100V-240V 50/60Hz, Auto sensing/switching worldwide power supply
Battery	Twin hot-swappable lithium ion battery packs allow for one or two battery operation, Standard (2950 mAh) or High Capacity (5900 mAh) packs available

OPTIONS

Docking	Compact Component and Desktop Docking options available
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Information in this document is subject to change without notice.



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