

**GOES TO EXTREMES. AND BACK.**



## THE ALL-NEW ARMOR™ X7 COMPACT 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 viewability with an exclusive bonded display. This transmissive, energy efficient 7" LCD display can be equipped with a digitizer or with a dual mode touch panel 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 2.5lb chassis is equipped with ShutOut™ technology, providing IP 65 certified protection while still offering external interfaces without door flaps and battery expansion bay.



Inside, a solid state hard drive, integrated 802.11n WLAN, Bluetooth, and GPS 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. This highly efficient unit also comes standard with a 2.0MP camera.

Manufactured and certified to MIL-STD-810G 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.

**ARMOR**  
RUGGED MOBILE SOLUTIONS

# HIGHLIGHTS

- Highly portable at only 2.85 lbs.
- Amazing 7-inch WSVGA sunlight-readable display
- Integrated WWAN/ Cellular connectivity, GPS, Bluetooth and 802.11n
- Intel® Atom™ N450 1.66 GHz Processor
- IP 65 & MIL-STD-810G certified

## ARMOR SURVIVES



**DROP AND SHOCK**



**VIBRATION**



**MOISTURE**



**DUST AND SAND**



**EXTREME TEMPS**



**GLARE**

## ENVIRONMENTALS

Drop/Shock	Certified to 6 ft / 1.8 m MIL-STD-810G, Method 516.5 (I unit, 26 total drops, every face/edge/corner)
Sealing	IP65 IEC 60529 egress Compatibility with Cat II Chemical Solvents, Cat III Cleaners and Cat IV Industrial Chemicals
Temperature	-4° to +140° F / -20° to +60° C Operating -40° to +158° F / -40° to +70° C Storage 68° F / 20° C min temperature shock operating
Humidity	+40° to 140° F / +5° to 60° C, 95% RH
Altitude	20,000 ft / 6,096 m
Vibration	514.5, Procedure I, Category 3, MIL-STD-810F
Hazardous Location	ISAFE: 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
Certificates	TUV, CSA, FCC Part 15, CE Mark, E-Mark, C-Tick, Energy Star, EPEAT (Gold Level), I-SAFE/ATEX

## SPECIFICATIONS

Display	7.0" / 17.8 cm WSVGA 1024 x 600 Transmissive sunlight-readable LCD Bonded and Anti-glare, anti-reflective screen treatments LED backlighting with Automatic Light Sensor
Input	Screen: Autosense dual mode digitizer and resistive touch Buttons: Power, Windows SAS, Shift, P1, P2, and P3; Programmable for 6 functions
Processor	Intel® Atom™ N450 1.66 GHz Processor with Enhanced Intel SpeedStep® Technology
Memory	2GB standard, DDR2 667MHz SDRAM
Mass Storage	Hard Drive: New Intel® Solid-State Drive 310 Series 40GB m-SATA, 80GB also available SD: Flexspace access to SD/SDHC Card Reader 8GB, 16GB and 32GB SDHC cards available
CPU & Graphics	Standard: Intel® Embedded Luna Pier System Architecture, 512KB L2 Cache, 533MHz FSB, ICH8M I/O controller hub, Intel DX9 Graphics, 200MHz
Memory – SD	Flexspace™ bay access MicroSD/SDHC Card Reader Standard: No MicroSD card; Optional: 8GB, 16GB and 32GB MicroSDHC card
Operating system	Microsoft® Windows 7 Professional, Ultimate 32-bit
External Interfaces	USB-mini, Docking Connector, DC PowerJack, 2 RF connectors
Expansion	FlexSpace: User accessible open-source bay interface specification supporting 3 <sup>rd</sup> party or application specific functions, 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
Wireless	Standard: 802.11n MIMO 2x2 Wireless LAN connectivity (WLAN) Bluetooth® v2.0 + EDR (Class 1) Bluetooth Optional: Integrated GPS switchable to docking RF connector, Integrated WWAN Module and Antenna
Security	Password security, support for encrypted drives, TPM security chip v.1.2, fingerprint scanner, ISO 7816 Smart Card (FIPS 201) compliant
Dimensions	8.9" x 5.9" x 2.1" (max.) / 225 x 150 x 54 mm
Weight	2.85 lbs / 1.3 kg including two 2950mAh 2 cell packs

## POWER

Battery	Twin hot-swappable lithium polymer battery packs (2950mAh 2 cell packs each) Optional: 4 cell ( 5900mAh each) one or two battery pack operation
AC Adapter	AC 100V-240V 50/60Hz, Auto sensing/switching worldwide power supply

## WARRANTY

Standard	Three year limited warranty, parts and labor
Extended	Additional coverage and customized service plans available on request



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