

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 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 2.85lb 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.

# HIGHLIGHTS

- 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

## 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 516.6 (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 +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, Method 514.5, MIL-STD-810G
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
Certificates	TUV, CSA, FCC Part 15, CE Mark, E-Mark, Energy Star, EPEAT, 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, Fn, P1, P2, and P3; Programmable for 6 functions
CPU & Graphics	Intel Atom N450 1.66GHz Hyper-Threading Processor with Enhanced Intel Speedstep Technology, 512KB L2 Cache, DMI (Direct Media Interface), Intel Integrated Graphics
Memory	2GB standard, DDR2 667MHz SDRAM
Mass Storage	Hard Drive: Intel 40GB mSATA Solid State Drive, 80GB also available SD: Flexspace access to SD/SDHC Card Reader 8GB, 16GB and 32GB SDHC cards available
Operating system	Microsoft® Windows 7 Professional (32-bit), Ultimate version available
External Interfaces	USB-mini, Docking Connector, DC PowerJack
Expansion	FlexSpace: User accessible open-source bay interface specification supporting 3 <sup>rd</sup> 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
Wireless	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
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 (includes two standard battery packs)

## POWER

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
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

## OTHER

Docking	Compact Component and Desktop Docking options available
Accessories	See tablet accessories data sheet



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