

DRS ARMOR X10GX Fully Rugged Tablet

The all new ARMOR X10gx Rugged Tablet, the tenth generation offering from DRS Technologies, sets a new standard in the survivability of mobile computing. Designed to exceed the needs of mobile workforces, it combines incredible durability and reliability with new mobility enhancements and Intel® Core2 Duo™ processing.

The ARMOR X10gx promises amazing sunlight viewability with an exclusive energy efficient 10.4" LCD display. This high intensity backlight screen is offered with a digitizer pen or as dual mode, supporting both pen and touch input.



To reduce weight and maintain durability, the ARMOR X10gx is made of a magnesium alloy. This weight reducing housing provides IP 67 certified protection while still offering user-friendly access. Exclusive ShutOut™ technology allows open I/O ports without the need for covers that compromise the product's integrity. Dual hot-swappable batteries are easily removed and replaced providing continual operation.

Inside, the user-replaceable solid state hard drive, integrated 802.11n WLAN, Bluetooth, Gobi WWAN, and GPS provide extreme data protection and reliable connectivity. Meanwhile, the customer accessible FlexSpace™ open-source bay supports a wide range of 3rd party functions allowing customization and upgradeability through the expanded I/O.

Manufactured and certified to MIL-STD-810G standards, the ARMOR X10gx is tested for drop-shock, moisture, dust, vibration resistance, temperature and other extreme conditions. It's the ideal solution for workforces that need the best in protection, efficiency and lightweight portability, all in a large screen device.

Key Features

ARMOR's 10th generation rugged tablet
Advanced wireless connectivity:
Gobi 2000 WWAN, GPS, RF auto-switching, Bluetooth, 802.11n WLAN
Amazing sunlight-readable, glass-on-glass display
Dual-mode input
ShutOut I/O requires no flaps
IP67 & MIL-STD-810G certified

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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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DRS ARMOR X10GX

Specifications



FUNCTIONAL

Processor	Intel® Core 2 Duo™ 1.2GHz Processor SU9300 3MB L2 Cache, 800MHz FSB
Memory	2GB standard, DDR3 800MHz SDRAM, expandable to 4GB
Storage	64GB SSD. Intel 80GB and 160GB SSD available SD/SDHC Card Reader provides 8GB, 16GB and 32GB memory card options
Display	10.4" / 26.2 cm XGA 1024 x 768 Transmissive sunlight-readable LCD Optically bonded with anti-glare and anti-reflective treatments LED backlighting with Automatic Light Sensor
I/O Ports	USB 2.0 (Qty 3) RS-232 Port Audio Port RJ-45 LAN HDMI Display Port Enhanced legacy docking connector DC Power Jack
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 PCIe with SDHC and Chip Card Reader and option for PCMCIA CustomFlex: Custom solutions available to replace I/O side panel Expansion Bay: User accessible PCI ExpressCard 34/54 and SDHC Reader Type I/II PCMCIA available
Integrated Communications	Standard: 802.11 a/b/g and n MIMO 2x3 Wireless LAN connectivity (WLAN) Bluetooth® v2.0 + EDR (Class 2) Bluetooth RF connectors provide auto-switching to external GPS and WWAN antennas Optional: Integrated Gobi™ 2000 mobile broadband and Integrated GPS
Operating System	Microsoft® Windows 7 Ultimate, Business

ENVIRONMENTAL (MIL-STD 810G)

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
Water/Dust	Sealing IP67 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	Certified to 4ft/1.2m, According to IEC 68-2-32 / MIL-STD-810G, Method 516.5
Altitude	According to IEC 68-2-13/ MIL-STD-810G, Method 500.4 20,000ft/6,096m
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
Certificates	TUV, CSA, FCC Part 15, CE Mark, E-Mark, C-Tick, Energy Star, AT&T Wireless, EPEAT (Gold Level), I-SAFE/ATEX

PHYSICAL

Dimensions	11.4" x 8.6" x 1.8"/290mm x 218mm x 45mm
Weight	4.7lbs/2.2kg including handle and one battery
Structure	Fully rugged MIL-STD 810G and IP67 compliance Composite magnesium alloy housing and rubber over-mould, 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 pack (2400mAh each)

OPTIONS

Docking	Backward compatible to legacy systems
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Information in this document is subject to change without notice.



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