



**MIL-STD
810G**

IP67

XPLORE™ XC6 ULTRA-RUGGED TABLET PC

PRODUCT FAMILY SPECIFICATIONS

XC6 DMSR (DUAL MODE SUNLIGHT READABLE)

PROCESSOR / CACHE	<ul style="list-style-type: none"> i5-4300U 1.9 GHz (2.9GHz Turbo Boost) Optional for Volume Orders, Build to Order: i7-4650U 1.7 GHz (3.3GHz Turbo Boost) 	COMMUNICATIONS	<ul style="list-style-type: none"> WLAN: 802.11ac (Intel 7260) WWAN Option: Integrated LTE Configuration: Sierra Wireless EM7355 or EM7305 GPS: Optional 2M or Sub-Meter Antenna GPS Bluetooth 4.0 LAN: 10/100/1000 Gigabit Ethernet Other: Programmable Radio Toggle (Wireless On/Off)
OPERATING SYSTEM	<ul style="list-style-type: none"> Windows® 10 Pro 64-bit Windows® 8.1 Pro 64-bit* Windows® 7 Professional, 64-Bit, 32-Bit <i>*available thru Windows 10 downgrade</i> 	COLLABORATION	<ul style="list-style-type: none"> Stereo Speakers With High Definition Audio Noise Cancelling Microphone Integrated Barcode Capable 5 Megapixel Camera (Rear) Integrated 720P HD Camera (Front)
DURABILITY	<ul style="list-style-type: none"> MIL-STD-810G IP67 (Water, dust and splash resistant) Magnesium Chassis / Industrial Strength Frame 	I/O PORTS	<ul style="list-style-type: none"> USB 3.0 x 2 RJ-45 10/100/1000 LAN MicroSD & MicroSIM Socket Serial Port 9-pin (RS232/RS422/RS485) (Standard VGA Or HDMI-Out Option) Combination Headphone/Speaker and Mic Jack XPL Proprietary expansion port for GPS attachment (Top) and Wireless Docking Option (Side) Docking Connector DC IN (12 - 20VDC)
CHIPSET	<ul style="list-style-type: none"> Intel® 8 Series Chipset 	STATUS INDICATORS	<ul style="list-style-type: none"> Power, Charge/DC-In, SSD LEDs
DISPLAY	<ul style="list-style-type: none"> Size/Resolution: 10.4" XGA LED IPS Display (1024 x 768) Backlighting: 1300 NITs Backlighting (Highest Available), Direct Sunlight-Readable Contrast Ratio: 600:1 Other Characteristics: IPS Display: Vivid Colors and Higher Contrast, Ambient Light Sensor (ALS), NVIS Compatible Viewing Cone: 178° Touch Input: Dual-Mode Auto-Sensing 10 Finger Touch Resistive Display: Touch Input Unaffected by Gloves, Wet Environments Pen/Digitizer: Active Pen Input 	OTHER CHARACTERISTICS	<ul style="list-style-type: none"> Programmable Application Buttons Power On/Resume button, Reset button, Screen orientation
GRAPHICS	<ul style="list-style-type: none"> Graphics: Mobile Intel HD Graphics GT2-4400 	SECURITY	<ul style="list-style-type: none"> TPM 1.2 Kensington® Cable Lock Slot Fingerprint Scanner CAC Reader (optional) Other: Intel VPro, AMT 9.5 Computrace Agent Option
SYSTEM MEMORY	<ul style="list-style-type: none"> 4 GB DDR3L (1600 Mhz) Expandable up to 16GB DDR3L (1600 MHz) User-accessible Bay 	DIMENSIONS	<ul style="list-style-type: none"> 11.2" (284.4 mm) x 8.25" (209.5 mm) x 1.6" (40.7 mm) (W x H x D)
SYSTEM STORAGE	<ul style="list-style-type: none"> Hi-Perf 128GB SSDs Optional Dual SSDs for 256GB CAC Configuration: 240GB standard storage, expandable up to 480GB User-Accessible/ Removable Dual Drive Cartridge RAID 0,1 Capable (with Dual SSD Drives) SATA 6GBPS Bandwidth Performance Additional Storage with MicroSD 	WEIGHT	<ul style="list-style-type: none"> 5.4 lbs (2.4 Kg)
		BATTERY	<ul style="list-style-type: none"> Extended Life 10-Cell Li-Ion Battery (81.4 WHr) Up To 8.5 Hour Battery Life User-Removable Warm Swap Capabilities

POWER SUPPLY	<ul style="list-style-type: none"> • Auto-Sensing 100-240 V, 50-60 Hz • 19 VDC External Power Supply
WARRANTY	<ul style="list-style-type: none"> • Standard 3 Year Limited Warranty • Extended warranty & xDefend programs available.
SOFTWARE	<ul style="list-style-type: none"> • Xplore Camera (Photo And Video) • Connection Manager
RUGGED TESTING	<ul style="list-style-type: none"> • Magnesium Chassis / Industrial Strength Frame • MIL-STD-810G • Transit Drop – Operating: 7' (2.13 M) Drop Direct To Ply wood over Concrete, while System Is Operating, 26 Drops • Transit Drop – Operating: 4' (1.22 M) Drop Direct To Concrete, while System Is Operating, 26 Drops • Ingress: IEC (60529) Ingress Tested To An IP67 Standard (CAC: IP65); Submersion-Resistant, Dust-Tight • Vibration: Minimum Integrity, Vehicle Vibration, Us Highway Truck Vibration • Wind Driven Rain: 4"/Hr (101.6 mm/Hr), 40 Mph Wind, 30 Min. Per Side • Blowing Sand and Dust: 30 MPH Wind Source, 30 Min. • Salt Fog: 5% Saline Exposure, 48 Hr Exposure • Explosive Atmosphere: HazLoc • Other Characteristics: Piston Sealing, Rugged SSD Cartridge • Other Tests: Functional And Crash Shock, Contamination by Fluids, Fungus
ENVIRONMENTAL	<ul style="list-style-type: none"> • MIL-STD-810G • Operating Temp: -30° F to 140° F (-34° C to 60° C) • Cold Start: -4° F (-20° C) • Storage Temp: -60° F to 160° F (-51° C to 71° C) • Humidity: 3% to 95% Non-Condensing • Temperature Shock: -60° F to 160° F (-51° C to 71° C) • Altitude: 50,000 Ft (15240 M) Operating • Other Tests: Solar Radiation
REGULATORY	
- EMISSIONS & IMMUNITY	<ul style="list-style-type: none"> • Emissions: FCC Part 15, CE Mark EN55022 (CISPR22) Class B, E-Mark (xDock), EN 61000-3-2, CSA ICES-003, Issue 5 • Immunity: EN55024, EN61000-3-3 • Safety: UL And EN60950-1 2nd Ed, ATEX Zone 2/ Category 3 Compliant, UL 1604 (ANSI/ISA 12.12.01-2012, CSA C22.2 No. 213-M 1987 (R2008)) Class I/Division II (Z: A, B, C, And D) Certified
- ENVIRONMENTAL	<ul style="list-style-type: none"> • ROHS, Recycling Program

XC6 DM (DUAL MODE)

DIFFERENCES FROM XC6 DMSR

- CAC Configuration Not Available
- Optional GPS uses Top-attachable module
- Display Not Direct Sunlight-Readable, Does not have 178° Viewability

XC6 DML (DUAL MODE LITE)

DIFFERENCES FROM XC6 DMSR

- Processor: Intel Celeron 2980U 1.60Ghz
- i7 option not available
- System Storage: 64GB SSD standard, expandable to 128GB
- CAC Configuration Not Available
- Mobile Intel HD Graphics
- Display Not Direct Sunlight-Readable, Does not have 178° Viewability
- Optional GPS uses Top-attachable module

XC6 DMCR (DUAL MODE CLEAN ROOM)

DIFFERENCES FROM XC6 DMSR

- i7 Processor option not available
- CAC Configuration Not Available
- Display Not Direct Sunlight-Readable, Does not have 178° Viewability
- XPL Proprietary expansion port – side only
- Not Tested for: Transit Drop, Vibration, Wind-driven Rain, Blowing Sand & Dust, Salt Fog, Functional and Crash Shock, Contamination by Fluids or Fungus, Altitude, Solar Radiation
- Operating Temp: -4° F to 95° F (-20° C to 35° C)
- Temperature Shock: -60° F to 122° F (-51° C to 50° C)

XC6 DMSR M2 (DUAL MODE SUNLIGHT READABLE - MILITARY)

DIFFERENCES FROM XC6 DMSR

- XPL Proprietary expansion port – side only
- MIL-STD-461F Certified; One of the only Tablets usable on both Military frontlines and fixed-wing aircraft
- RE/CE-102 Certified and RS-103/CE103 Certified.
- Screen Viewable in Both Direct Sunlight and Night Vision (NVIS) Situations
- Integrated, Secure CAC Reader Ensures Data Access to Critical Information Matches User's Security Clearance (Supports Standard ISO 7816 Smart Cards and is FIPS 201-1 and CCID Compliant)
- Optional Sub-Meter GPS for Pinpoint Accuracy
- "Quiet Mode" Operating Capability Supports "Lights Out" Use Cases

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