



MIL-STD  
810G

IP67

# XPLORE™ XC6 ULTRA-RUGGED TABLET PC

## PRODUCT SPECIFICATIONS

<b>PROCESSOR / CACHE</b>	<ul style="list-style-type: none"> <li>i5-4300U 1.9 GHz (2.9GHz Turbo Boost)</li> <li>Optional for Volume Orders, Build to Order: i7-4650U 1.7 GHz (3.3GHz Turbo Boost)</li> </ul>	<b>COMMUNICATIONS</b>	<ul style="list-style-type: none"> <li>WLAN: 802.11ac (Intel 7260)</li> <li>WWAN: Integrated AT&amp;T LTE Configuration: Sierra Wireless EM7355 or EM7305</li> <li>GPS: Optional 2M or Sub-Meter Antenna GPS</li> <li>Bluetooth 4.0</li> <li>LAN: 10/100/1000 Gigabit Ethernet</li> <li>Other: Programmable Radio Toggle (Wireless On/Off)</li> </ul>
<b>OPERATING SYSTEM</b>	<ul style="list-style-type: none"> <li>Windows® 10 Pro 64-bit</li> <li>Windows® 8.1 Pro 64-bit*</li> <li>Windows® 7 Professional 32-bit*</li> </ul>	<b>COLLABORATION</b>	<ul style="list-style-type: none"> <li>Stereo Speakers With High Definition Audio</li> <li>Noise Cancelling Microphone</li> <li>Integrated Barcode Capable 5 Megapixel Camera (Rear)</li> <li>Integrated 720P HD Camera (Front)</li> </ul>
<b>DURABILITY</b>	<ul style="list-style-type: none"> <li>MIL-STD-810G</li> <li>IP67 (Water, dust and splash resistant)</li> <li>Magnesium Chassis / Industrial Strength Frame</li> </ul>	<b>I/O PORTS</b>	<ul style="list-style-type: none"> <li>USB 3.0 x 2</li> <li>RJ-45 10/100/1000 LAN</li> <li>MicroSD &amp; MicroSIM Socket</li> <li>Serial Port 9-pin (RS232/RS422/RS485) (Standard VGA Or HDMI-Out Option)</li> <li>Combination Headphone/Speaker and Mic Jack</li> <li>XPL Proprietary expansion port for GPS attachment (Top) and Wireless Docking Option (Side)</li> <li>Docking Connector</li> <li>DC IN (10.5 - 26VDC)</li> </ul>
<b>CHIPSET</b>	<ul style="list-style-type: none"> <li>Intel® 8 Series Chipset</li> </ul>	<b>STATUS INDICATORS</b>	<ul style="list-style-type: none"> <li>Power, Charge/DC-In, SSD LEDs</li> </ul>
<b>DISPLAY</b>	<ul style="list-style-type: none"> <li>Size/Resolution: 10.4" XGA LED IPS Display (1024 x 768)</li> <li>Backlighting: 1300 NITS Backlighting (Highest Available), Direct Sunlight-Readable</li> <li>Contrast Ratio: 600:1</li> <li>Other Characteristics: IPS Display: Vivid Colors and Higher Contrast, Ambient Light Sensor (ALS), NVIS Compatible</li> <li>Viewing Cone: 178°</li> <li>Touch Input: Dual-Mode Auto-Sensing 10 Finger Touch</li> <li>Resistive Display: Touch Input Unaffected by Gloves, Wet Environments</li> <li>Pen/Digitizer: Active Pen Input</li> </ul>	<b>OTHER CHARACTERISTICS</b>	<ul style="list-style-type: none"> <li>Programmable Application Buttons</li> <li>Power On/Resume button, Reset button, Screen orientation</li> </ul>
<b>GRAPHICS</b>	<ul style="list-style-type: none"> <li>Graphics: Mobile Intel HD Graphics GT2-4400</li> </ul>	<b>SECURITY</b>	<ul style="list-style-type: none"> <li>TPM 1.2</li> <li>Kensington® Cable Lock Slot</li> <li>Fingerprint Scanner</li> <li>CAC Reader (optional)</li> <li>Other: Intel VPro, AMT 9.5</li> <li>Computrace Agent Option</li> </ul>
<b>SYSTEM MEMORY</b>	<ul style="list-style-type: none"> <li>4 GB DDR3L (1600 Mhz)</li> <li>Expandable up to 16GB DDR3L (1600 MHz)</li> <li>User-accessible Bay</li> </ul>	<b>DIMENSIONS</b>	<ul style="list-style-type: none"> <li>11.2" (284.4 mm) x 8.25" (209.5 mm) x 1.6" (40.7 mm) (W x H x D)</li> </ul>
<b>SYSTEM STORAGE</b>	<ul style="list-style-type: none"> <li>Hi-Perf 128GB SSDs</li> <li>Optional Dual SSDs for 256GB</li> <li>CAC Configuration: 240GB standard storage, expandable up to 480GB</li> <li>User-Accessible/ Removable Dual Drive Cartridge</li> <li>RAID 0,1 Capable (with Dual SSD Drives)</li> <li>SATA 6GBPS Bandwidth Performance</li> <li>Additional Storage with MicroSD</li> </ul>	<b>WEIGHT</b>	<ul style="list-style-type: none"> <li>5.4 lbs (2.4 Kg)</li> </ul>
		<b>BATTERY</b>	<ul style="list-style-type: none"> <li>Extended Life 10-Cell Li-Ion Battery (81.4 WHr)</li> <li>Up To 8.5 Hour Battery Life</li> <li>User-Removable</li> <li>Warm Swap Capabilities</li> </ul>

## POWER SUPPLY

- Auto-Sensing 100-240 V, 50-60 Hz
- 19 VDC External Power Supply

## WARRANTY

- Standard 3 Year Limited Warranty
- Extended warranty & xDefend programs available.

## SOFTWARE

- Xplore Camera (Photo And Video)
- Connection Manager

## RUGGED TESTING

- 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

- 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

- 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

- 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