

MIL-STD
810G

IP67

C122
ATEX



XPLORE™ XC6 ULTRA-RUGGED TABLET PC

PRODUCT FAMILY SPECIFICATIONS

XC6 DMSR (DUAL MODE SUNLIGHT READABLE)

PROCESSOR / CACHE	- 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	- 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	- 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	- Stereo Speakers With High Definition Audio - Noise Cancelling Microphone - Integrated Barcode Capable 5 Megapixel Camera (Rear) - Integrated 720P HD Camera (Front)
DURABILITY	- MIL-STD-810G - IP67 (Water, dust and splash resistant) - Magnesium Chassis / Industrial Strength Frame	I/O PORTS	- 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 - 20 VDC)
CHIPSET	Intel® 8 Series Chipset	STATUS INDICATORS	Power, Charge/DC-In, SSD LEDs
DISPLAY	- 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	- Programmable Application Buttons - Power On/Resume button, Reset button, Screen orientation
GRAPHICS	Graphics: Mobile Intel HD Graphics GT2-4400	SECURITY	- TPM 1.2 - Kensington® Cable Lock Slot - Fingerprint Scanner - CAC Reader (optional) - Other: Intel VPro, AMT 9.5 - Computrace Agent Option
SYSTEM MEMORY	4 GB DDR3L (1600 Mhz) - Expandable up to 16GB DDR3L (1600 MHz) - User-accessible Bay	DIMENSIONS	11.2" (284.4 mm) x 8.25" (209.5 mm) x 1.6" (40.7 mm) (W x H x D)
SYSTEM STORAGE	- 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	5.4 lbs (2.4 Kg)
		BATTERY	- Extended Life 10-Cell Li-Ion Battery (80.75 WHr) - Up To 8.5 Hour Battery Life - User-Removable - Warm Swap Capabilities

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)