XPLORE

MIL-STD 810G

IP67

XPLORE™
XC6 ULTRA-RUGGED TABLET PC

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)

OPERATING SYSTEM
- Windows® 10 Pro 64-bit
- Windows® 8.1 Pro 64-bit*
- Windows® 7 Professional 32-bit*

DURABILITY
- MIL-STD-810G
- IP67 (Water, dust and splash resistant)
- Magnesium Chassis / Industrial Strength Frame

CHIPSET
- Intel® 8 Series Chipset

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

GRAPHICS
- Graphics: Mobile Intel HD Graphics GT2-4400

SYSTEM MEMORY
- 4 GB DDR3L (1600 Mhz)
- Expandable up to 16GB DDR3L (1600 MHz)
- User-accessible Bay

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

COMMUNICATIONS
- WLAN: 802.11ac (Intel 7260)
- WWAN: Integrated AT&T 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)

COLLABORATION
- Stereo Speakers With High Definition Audio
- Noise Cancelling Microphone
- Integrated Barcode Capable 5 Megapixel Camera (Rear)
- Integrated 720P HD Camera (Front)

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 (10.5 - 26VDC)

STATUS INDICATORS
- Power, Charge/DC-In, SSD LEDs

OTHER CHARACTERISTICS
- Programmable Application Buttons
- Power On/Resume button, Reset button, Screen orientation

SECURITY
- TPM 1.2
- Kensington® Cable Lock Slot
- Fingerprint Scanner
- CAC Reader (optional)
- Other: Intel VPro, AMT 9.5
- Computrace Agent Option

DIMENSIONS
- 11.2" (284.4 mm) x 8.25" (209.5 mm) x 1.6" (40.7 mm) (W x H x D)

WEIGHT
- 5.4 lbs (2.4 Kg)

BATTERY
- Extended Life 10-Cell Li-Ion Battery (81.4 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 Plywood 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