

# The XC6 Series DM & DML

Dual-Mode Ultra Rugged Tablet PCs



6<sup>th</sup> GENERATION RUGGED



Industrial durability and a massive suite of features provide the tools to run enterprise applications in tough environments.

## THE MOST RUGGED TABLETS ON EARTH

- Beyond MIL-STD-810G Testing - 7' Drop Spec
- The Only IP67 Certified Tablet (Water/Dust-proof)
- Serious Performance: 4th Gen Intel Core i5 Processor (DM) or Intel Celeron Processor (DML)
- Industry's Only Resistive Multi-Touch Display for Glove-Touch and Operation in Wet Conditions
- Full Shift Battery Life: Up to 8.5 Hours
- Single or Dual RAID Configurable SSDs: Up to 256 GB
- HazLoc Certified for Explosion-Prone Environments
- Designed for In-Field Upgrades to Reduce Costs
- Active Cooling Industrial Sealed Fan
- Full Microsoft® Windows® 8.1 Pro & Windows® 7 Pro
- Comprehensive Communications Suite

### RUGGED REFRESHED

The XC6 refreshes the iX104 line of ultra-rugged tablets with comprehensive upgrades to performance, display, and features in the same ultra-rugged design. The rugged specs of the XC6 outstrips the competition and withstand the harshest conditions. The XC6 is third-party tested to MIL-STD-810G certifications with an IP67 (dust-proof and water-proof) rating, and features the highest drop rating (7') on the market. It is built to protect your data under real world conditions in the toughest environments.

### BREAKING BENCHMARKS

Leveraging top of the line Intel processors, the XC6 enables users to run complex applications at lightning fast speeds. The industry's only RAID configurable tablet now possesses quadruple the storage as well. Coupled with up to 16GB of DDR3L RAM and regulated by Xplore's active thermal management system, the XC6 is built to maximize data and software processing.

### NEXT LEVEL DISPLAY TECHNOLOGY

Featuring the only resistive multi-touch display in the industry, the XC6 utilizes an innovative low activation force resistive paneling technique to achieve the touch experience of a consumer tablet while still being operable while soaking wet, or when the user is wearing gloves. The rugged, damage-resistant screen is perfect for industrial use, hazardous areas, and freezer environments.

### LOWEST COST OF OWNERSHIP

The XC6 falls in the same price range as the iX104C5 line, but with increased power and a full suite of updated features. The DM and DML tablets are the lowest cost options of the XC6 series, and offer a cost-effective solution for companies that don't require sunlight-readability or as much processing power (DML). The iX104 line has a proven track record of high reliability with low failure rates for long lifecycles with minimal repair costs. Designed with tool-less removable drives to allow for in-field upgrades and repairs, the XC6 minimizes downtime and repair costs for the greatest long term return on investment.



**FULLY RUGGED**

- Magnesium Chassis
- MIL-STD-810G-810G And IP67 Tested
- Hazardous Location Certified
- Piston Sealing, Rugged SSD Cartridge

**PROCESSOR**

- **DM:** 4th Gen Intel® Core™ I5-4300U 1.9GHz (2.9GHz Turbo Boost)
- **DML:** Intel® Celeron 2980U 1.60GHz
- 4th Gen Intel® Core™ I7-4650U 1.7GHz (3.3GHz Turbo Boost): *Volume Orders, Built To Order*

**CHIPSET**

- Intel® 8 Series Chipset

**GRAPHICS**

- **DM:** Mobile Intel® High Definition (HD) Graphics GT2-4400
- **DML:** Mobile Intel® High Definition (HD) Graphics

**DISPLAY**

- 10.4" XGA LED IPS Display (1024 x 768)
- IPS Display: Vivid Colors and Higher Contrast
- Contrast Ratio = 600:1
- Ambient Light Sensor (ALS), NVIS Compatible

**MEMORY**

- Standard 4 GB DDR3L (1600 Mhz)
- Expandable Up To 16 GB DDR3L (1600 Mhz)
- User-Accessible Bay

**OPERATING SYSTEMS**

- Microsoft® Windows® 7, Professional 32-Bit, 64-Bit
- Microsoft® Windows® 8.1 Professional, 64-Bit

**SOFTWARE**

- **DM:** Xplore Camera (Photo And Video) Software
- Connection Manager

**BATTERY**

- Extended Life 10-Cell Li-Ion Battery (81.4 WHr)
- User-Removable
- Up To 8.5 Hr Battery Life
- Warm Swap Capabilities

**POWER SUPPLY**

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

**STORAGE OPTIONS**

- **DM:** Standard High Performance 128GB SSDs
- **DML:** Standard High Performance 64GB SSDs
- **DM:** Optional Dual SSD Drives For 256GB Storage
- **DML:** Optional Dual SSD Drives For 128GB Storage
- User-Accessible/Removable Dual Drive Cartridge
- Raid 0,1 Capable (with Dual SSD Drives)
- SATA 6GBPs Bandwidth Performance
- Additional Storage with MicroSD

**INTEGRATED COMMUNICATIONS**

- LAN: 10/100/1000 Gigabit Ethernet
- Wireless LAN: Intel 7260 (802.11ac)
- Bluetooth: 4.0
- Keypad: Programmable Radio Toggle (Wireless On/Off)
- Optional xGPS (2M) or xGPS Pro (Sub-Meter) Top-Attachable Module

**SECURITY**

- Biometrics/Fingerprint Reader
- TPM 1.2
- Intel® VPro
- Intel® AMT 9.5
- Computrace® Application Agent Option
- Kensington Lock Slot
- Optional Integrated CAC Reader

**COLLABORATION**

- Stereo Speakers With High Definition Audio
- Noise Cancelling Microphone
- **DM:** Integrated Barcode Capable 5 Megapixel Camera (Rear)
- **DM:** Integrated HD Camera (Front)

**PORTS**

- DC IN (10.5 - 26VDC)
- Docking Connector
- USB 3.0 (x2)
- RJ-45 Ethernet
- Combination Headphone/Speaker And Mic Jack
- 9-Pin Serial Port (RS232/RS422/RS485) (Standard VGA Or HDMI-Out Option)
- MicroSD And MicroSIM Socket (Tool-Less Access)
- XPL Proprietary Expansion Port for GPS Attachment (Top) and Wireless Docking Option (Side)

**INPUT AND STATUS INDICATORS**

- Dual-Mode Auto-Sensing 10 Finger Touch & Active Pen Input
- Resistive Display: Touch Input Unaffected by Gloves, Wet Environments
- Programmable Application Buttons
- Power On/Resume Button, Reset Button, Ctl/Alt/Del, Screen Orientation
- Status Indicators: Power, Charge/DC-In, SSD LEDs

**DIMENSIONS / WEIGHT**

- 11.2" (284.4 mm) x 8.25" (209.5 mm) x 1.6" (40.7 mm) (W x H x D)
- 5.4 lbs (2.4 Kg)

**PERIPHERALS AND DOCKING**

- Desktop And Vehicle Docking Systems
- Carrying Case Options For Various Applications

**ENVIRONMENTAL SPECIFICATIONS**

- Tested To MIL-STD-810G
- **Operating Temperature:** -30° F - 140° F (-34° C To 60° C)  
Cold Start: -4° F (-20° C)
- **Storage Temperature:** -60° F To 160° F (-51° C To 71° C)
- **Humidity:** 3% - 95% Non-Condensing
- **Thermal Shock:** -60° F To 160° F (-51° C To 71° C)
- **Blowing Rain:** 4"/Hr (101.6 mm/Hr), 40 Mph Wind, 30 Min. Per Side
- **Blowing Sand And Dust:** 30 MPH Wind Source, 30 Min.
- **Vibration:** Minimum Integrity, Vehicle Vibration, Us Highway Truck Vibration
- **Salt Fog:** 5% Saline Exposure, 48 Hr Exposure
- **Altitude:** 50,000 Ft (15240 M) Operating
- **Other Tests:** Functional And Crash Shock, Contamination By Fluids, Fungus And Solar Radiation

**BEYOND MIL-STD-810G**

- **Transit Drop – Operating:** 4' (1.22 M) Drop Direct To Concrete While System Is Operating, 26 Drops
- **Transit Drop – Operating:** 7' (2.13 M) Drop Direct To Plywood Over Concrete While System Is Operating, 26 Drops

**IEC INGRESS TESTING**

- IEC (60529) Ingress Tested To An IP67 Standard (CAC: IP65)
- Submersion-Resistant, Dust-Tight

**EMISSIONS, IMMUNITY AND SAFETY**

- **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

**OTHER CERTIFICATIONS**

- ROHS, Recycling Program: [www.xploretech.com/Environment/Recycle](http://www.xploretech.com/Environment/Recycle)

**WARRANTY**

- Standard 3-Year Limited Warranty
- 4 & 5 Year Options Available
- Optional xDefend Program for Additional Coverage