

THE CAVALRY HAS ARRIVED.

xplore™

iX104C5 Dual-Mode Sunlight-Readable Military Fully-Rugged Tablet PC



SERIOUS SPECS. SERIOUS USERS.

- Powerhouse Performance Intel® Core™ i7 Platform
- MIL-STD 461F, 810G and IP67 Tested
- Most Rugged Tablet PC in Its Class
- AllVue™ Xtreme—Industry Best Outdoor Display
- Industry's Best Solid State Storage
- Single or Dual SSD (w/heater) with RAID option
- Highest Capacity Li-Ion Battery in its Class
- Cool Touch Thermal System for Xtreme Temperatures
- Custom Active Military Docking System

FIELD-PROVEN FOR MILITARY

MILITARY | FEDERAL GOVERNMENT | ARMY | NAVY | AIR FORCE | MARINES | COMBAT OPERATIONS | TACTICAL OPERATIONS | LOGISTICS

The iX104C5-M delivers Industry-Leading performance, ruggedness and functionality and raises the bar on what Military and Government customers can expect from their mobile computing systems.

PROVEN RUGGED IN THE REAL WORLD

Military personnel depend on their mobile computing systems to execute mission plans, perform daily tasks and in some cases save lives. Designed for and with frontline personnel, the iX104C5-M stands up to real world conditions such as 4' operating drops to concrete, driving rain, blowing sand and dust, constant vibration, temperature extremes and more. Independent MIL-STD-810G, 461F, IP and Hazardous Location testing in combination with rugged design innovations instill confidence the iX104C5-M will protect critical data and deliver in the most challenging tactical conditions.

XTREME PERFORMANCE

Powered by the newest Intel® Core™ i7 processor, the iX104C5 offers the most advanced performance platform in its class, enabling government and military organizations to confidently deploy multi-mission applications to the field thereby helping to enhance situational response times and improve efficiencies.

FIELD-PROVEN DESIGNS

The iX104C5 delivers maximum input flexibility and usability with an optically-engineered rugged sunlight-viewable display with AllVue™ Xtreme technology and innovative auto-switching dual-mode digitizer that supports both gloved-touch and active pen inputs on the fly. Single or dual solid state drives (with integrated heater) and RAID configuration options deliver Industry-Leading reliability, performance and data integrity.

TOTAL CONTROL OF OWNERSHIP

The iX104C5 incorporates advanced technologies from industry leaders and was designed to provide long, stable lifecycles. Its proven track record of high reliability and low failure rates means greater system uptime for military personnel.



REMOVABLE RUGGED SSD CARTRIDGE



iX104C5 Dual-Mode Sunlight-Readable Military Fully-Rugged Tablet PC Specifications

FULLY-RUGGED	Multi-layered desert tan magnesium chassis MIL-STD-810G, MIL-STD-461 and IP67 tested Hazardous Location Certified Piston Sealing, Rugged SSD Cartridge	PORTS	RJ-45 Headphone/speaker & microphone VGA (9-pin serial port option - RS232/RS422/RS485) MicroSD & SIM socket (tool-less removable door) Top & Side XPL Pin & Pad Expansion ports
PROCESSOR	Intel® Core™ i7, 620 UE processor Turbo Boost Technology (up to 2.13Ghz) 1.06 GHz / 800-1067MHz FSB / 4 MB Intel® Smart Cache	INPUT AND STATUS INDICATORS	Dual-Mode Auto-Sensing Touch & Active Pen Input Programmable Application Buttons Power on/Resume button, Reset Button, CTL/ALT/DEL, Screen orientation X + Y navigation (mouse-like) via biometric scanner STATUS INDICATORS: Power, Charge/DC-in, SSD LEDs
CHIPSET	Intel® QM57 Express	DIMENSIONS/WEIGHT	11.2" (284.4 mm) x 8.25" (209.5 mm) x 1.6" (40.7 mm) (W x H x D) Starting at ~ 5 lbs (2.27 kg)
GRAPHICS	Mobile Intel® High Definition (HD) Graphics	PERIPHERALS AND DOCKING	Custom Military Vehicle Docking System
DISPLAY	10.4" XGA (1024x768) rugged LED backlit display Dual-Mode AllVue™ Xtreme technology—Best outdoor sunlight-readability Contrast Ratio = 600:1 (typical) Automatic Light Sensor (ALS), NVIS compatible Dual-Mode auto-sensing Touch & Pen input	ENVIRONMENTAL SPECIFICATIONS	Independently-tested to MIL-STD-810G: OPERATING TEMPERATURE: -4° F to 140° F (-20° C to 60° C) -49° F (-45° C) with ext power or MDock 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 (15,240 m) operating OTHER TESTS: Functional and Crash Shock, Contamination by Fluids, Fungus & Solar Radiation, Bench Shock
MEMORY	Standard 2GB DDR3 (up to 1333 Mhz) Expandable up to 8 GB (Windows® 7, 64-bit) User-accessible bay	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 with system is operating, 26 drops
OPERATING SYSTEMS	Genuine Microsoft® Windows® 7, 32-bit Genuine Microsoft® Windows® 7, 64-bit	IEC INGRESS TESTING	IEC (60529) Ingress Tested to an IP67 standard (10-Cell Battery) Submersion-resistant, dust-tight
SOFTWARE	xConnect Mobile Broadband Connection Manager with NDIS xCapture photo and video for landscape & portrait capture	EMISSIONS, IMMUNITY AND SAFETY	EMISSIONS: MIL-STD-810F, FCC Part 15, CE Mark EN55022 (CISPR22) Class B, E-Mark (XDock) IMMUNITY: EN55024 Safety: UL and EN60950-1 2nd Ed, ATEX Zone 2/Category 3 Compliant, UL 1604 (ISA Std 12.12-CSA Std C 22.1) Class I/Division II (Z-A-D) certified
BATTERY	Standard Extended Life 10-cell Li-Ion battery (68.5 Whr) User Removeable Up to 6.5hrs battery life Optional 8-cell Li-Ion battery (55 Whr) Up to 4 hrs. battery life Warm Swap Capabilities	OTHER	ROHS, Energy Star 5.0 Compliant
POWER SUPPLY	Auto sensing 100-240V, 50-60Hz supplying 19VDC	WARRANTY	Standard 3-year limited warranty Xplore's X-Care Program
STORAGE OPTIONS	User-accessible, tool-less removable drive cartridge Dual-drive capabilities in protective drive cartridge RAID 0,1 capable with dual SSD drives (JBOD support) Standard high-performance 80GB mSATA SSD drive, with integrated heater	PARTNERS	
INTEGRATED COMMUNICATIONS	LAN: 10/100/1000 Gigabit Ethernet (RJ-45) WIRELESS LAN: Intel® Centrino® Advanced-N6200 (802.11 a/b/g/n) KEYPAD: Programmable Radio Toggle (Wireless On/Off) DEDICATED GPS: Dedicated GPS & Antenna receiver modules (2 meter and sub-meter options)		
SECURITY	Biometrics/Fingerprint Reader (X/Y navigation capabilities) TPM 1.2 Intel® Anti-Theft Computrace® Application Agent option Kensington lock slot		
COLLABORATION	Stereo Speakers with high-definition audio Noise Canceling Microphone Integrated 3 Megapixel digital camera (rear facing) for still & video imaging, bar code capable (Dual-Mode) AC/DC power Docking connector USB 2.0 (x2)		

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