

THE CAVALRY HAS ARRIVED.

xplore™

iX104C5 Dual-Mode Sunlight-Readable Xtreme Rugged Built Tablet PC



SERIOUS SPECS. SERIOUS USERS.

- Industry's Most Rugged Tablet PC
- Powerhouse Performance Intel® Core™ i7 Platform
- Tool-Free Access to SSD, SIM, Micros SD
- AllVue™ Xtreme—Industry Best Outdoor Display
- Industry's Best SSD—Single or Dual with RAID Option
- Highest Capacity Li-Ion Battery in Its Class
- Designed for In-Field Upgrades—Reduces TCO
- Cool Touch™ Thermal Management
- X-Y Navigation Fingerprint Reader

5TH GENERATION RUGGED

FIELD SERVICE | MANUFACTURING | WAREHOUSING | LAW ENFORCEMENT | TRANSPORTATION | DISTRIBUTION | UTILITIES | ENERGY | FIRE & EMS

The iX104C5 is the most comprehensive and fully-featured Rugged Tablet PC in the industry.

PROVEN RUGGED IN THE REAL WORLD

Inspired by over a decade of first-hand customer experience, the iX104C5 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. Rugged design innovations in combination with independent MIL-STD testing instills confidence that the iX104C5 will protect critical data and deliver in the most challenging conditions.

XTREME PERFORMANCE

Powered by the newest Intel® Core™ i7 processor, the iX104C5 offers the most advanced performance platform in its class, enabling organizations to confidently distribute dense, multi-functional applications to the field thereby helping to increase and enhance worker productivity and situational response times. It keeps its cool utilizing remote heat exchanger technology while maintaining a submersible IP-67 rating.

FIELD-PROVEN DESIGNS

The iX104C5 delivers maximum input flexibility and usability with an optically engineered rugged sunlight-viewable display, innovative auto-switching digitizer supporting both gloved-touch and active pen inputs, enhanced multi-modal wireless communications and RAID array configuration options. Users can quickly adapt to varying application needs and readily view critical information on-site where work gets done.

TOTAL CONTROL OF OWNERSHIP

The iX104C5 incorporates advanced technologies from industry leaders and was designed to provide long, stable lifecycles. With a proven track record of high reliability and low failure rates in combination with industry-leading user-accessible upgrade bays, the iX104 family helps deliver greater system uptime on the job and lower Total Cost of Ownership.



REMOVABLE RUGGED SSD CARTRIDGE



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

FULLY RUGGED	Multi-layered magnesium chassis MIL-STD-810G and IP67 tested Hazardous Location Certified Piston Sealing, Rugged SSD Cartridge	PORTS	AC/DC power Docking connector USB 2.0 (x2) RJ-45 Headphone/speaker and microphone 9-pin Serial port (RS232/RS422/RS485) (VGA replacement option) MicroSD and SIM socket (tool-less removable door) Top and Side XPL Pin and Pad Expansion ports
PROCESSOR	Intel® Core™ i7, 620 UE processor Turbo Boost Technology (up to 2.13 GHz) 1.06 GHz / 800-1067MHz FSB / 4 MB Intel® Smart Cache	INPUT AND STATUS INDICATORS	Dual-Mode Auto-Sensing Finger Touch and Active Pen Inputs Programmable Application Buttons Power on/Resume button, Reset Button, CTL/ALT/DEL, Screen orientation X and 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	Desktop and Vehicle Docking Systems Carrying case options for various applications
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 Finger Touch and Active Pen Inputs	ENVIRONMENTAL SPECIFICATIONS	Independently-tested to MIL-STD-810G OPERATING TEMPERATURE: -4° F to 140° F (-20° C to 60° 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
MEMORY	Standard 2 GB 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 while 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: FCC Part 15, CE Mark EN55022 (CISPR22) Class B, E-Mark (XDock) IMMUNITY: EN55024 Safety: UL and EN60950-1 2nd Ed, ATEX/IECEx 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 6.5-hr battery life Optional 8-cell Li-Ion battery (55 Whr) Up to 4-hr battery life Warm Swap Capabilities	OTHER	ROHS, Energy Star 5.0 Compliant
POWER SUPPLY	Auto-sensing 100-240 V, 50-60 Hz supplying 19 VDC	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	PARTNERS	
INTEGRATED COMMUNICATIONS	LAN: 10/100/1000 Gigabit Ethernet (RJ-45) WIRELESS LAN: Intel® Centrino® Advanced-N6200 (802.11 a/b/g/n) OPTIONAL MOBILE BROADBAND: GOBI™ 2000 Wireless HSDPA/HSUPA, EVDO (Rev A) BLUETOOTH: 2.1 + EDR KEYPAD: Programmable Radio Toggle (Wireless On/Off) DEDICATED GPS: Dedicated GPS and Antenna receiver modules (2 meter and sub-meter options)		
SECURITY	Biometrics/Fingerprint Reader (X and 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 and video imaging, bar code capable		

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