

Xplore iX104C5 Fully Rugged Tablet

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-readable 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.

Key Features

- 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



Rugged Systems is one of Europe's leading suppliers of rugged, mobile computer, display and communications solutions and services. Specialising in applications such as test & measurement, command and control, data acquisition, secure data & computing, TEMPEST and ultra-reliable message transfer over noisy tactical communication channels. The company strives to be innovative and provide cost effective solutions, through many years of knowledge and experience

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Specifications



FUNCTIONAL

Processor	Intel® Core™ i7, 620 UE processor 1.06 GHz / 800-1067MHz FSB / 4 MB Intel® Smart Cache Turbo Boost Technology (up to 2.13 GHz) (Dual-Mode) Intel® Celeron™ U3405 processor 1.06 GHz / 800-1067 MHz FSB / 4 MB Intel® Smart Cache (Dual-Mode Lite) Intel® QM57 chipset
Memory	2GB (1GB Dual-Mode Lite) DDR3 expandable to 8GB, User-accessible bay
Storage	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 mSATA SSD 80GB
Display	10.4" XGA (1024x768) rugged LED backlit display Dual-Mode AllVue™ Xtreme technology (Optionally sunlight-readable) Contrast Ratio = 600:1 (typical) Automatic Light Sensor (ALS), NVIS compatible Dual-Mode Auto-Sensing Finger Touch and Active Pen Inputs
VGA Controller	Mobile Intel® High Definition (HD) Graphics
Pointing Device	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
I/O Ports	STATUS INDICATORS: Power, Charge/DC-in, SSD LEDs 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
Integrated Communications	LAN: 10/100/1000 Gigabit Ethernet (RJ-45) WIRELESS LAN: Intel® Centrino® Advanced-N6200 (802.11 a/b/g/n) MOBILE BROADBAND: GOBI™ 2000 Wireless HSDPA/HSUPA, EVDO (Rev A) (Optional) BLUETOOTH: 2.1 + EDR (Optional) KEYPAD: Programmable Radio Toggle (Wireless On/Off) DEDICATED GPS: Dedicated GPS and Antenna receiver modules (2 meter and sub-meter options) (Optional) Biometrics/Fingerprint Reader (X and Y navigation capabilities), TPM 1.2, Intel® Anti-Theft, Computrace® Application Agent option, Kensington lock slot
Security Feature	3MegaPixel Camera
Integrated Camera	Genuine Microsoft® Windows® 7, 32-bit
Operating System	Genuine Microsoft® Windows® 7, 64-bit

ENVIRONMENTAL (MIL-STD 810G)

Temperature	Operating Temperature: -20°C to 60°C / -4°F to 140° F Storage Temperature: -51°C to 71°C / -60°F to 16 0°F
Water/Dust	IP65 – Dust to 510.4 and Water to 506.4 Proc III
Humidity	-3% to 95% RH, non-condensing
Vibration	Method 514.5, Proc 1, Category 24
Drop	122cm Height free drop 26 times on to plywood and on to concrete plate
Altitude	50,000 ft

PHYSICAL

Dimensions	11.2" (284.4 mm) x 8.25" (209.5 mm) x 1.6" (40.7 mm) (W x H x D)
Weight	Starting at ~ 5 lbs (2.27 kg)
Structure	Multi-layered magnesium (Black/Silver/Sand) chassis, MIL-STD-810G and IP67 tested, Hazardous Location Certified, Piston Sealing, Rugged SSD Cartridge

ELECTRICAL

AC Input	AC 100V-240V 50/60Hz, Auto Sensing/Switching world-wide power supply
Battery	Standard Extended Life 10-cell Li-Ion battery (68.5 Whr), User-Removable, Up to 6.5-hr battery life Optional 8-cell Li-Ion battery (55 Whr), Up to 4-hr battery life, Warm Swap Capabilities

OPTIONS

Peripherals and Docking	Desktop and Vehicle Docking Systems Carrying case options for various applications
Emissions, Immunity & Safety	MIL-STD-810G, MIL-STD-461, IP67, 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

Information in this document is subject to change without notice.



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