

CLEANING UP THE COMPETITION.

xplore™

iX104C5 Dual-Mode Clean Room Fully-Rugged Tablet PC



SERIOUS SPECS. SERIOUS USERS.

- Custom "Clean Room" Enclosure
- Powerhouse Performance Intel® Core™ i7 Platform
- Rugged-Optimized Including IP67 Rating
- Industry's Best SSD—Single or Dual with RAID option
- Enhanced Rugged Display—Ambient Outdoor/Indoor Use
- Tool-Free Access to SSD, SIM, MicroSD
- Highest Capacity Li-Ion Battery in its Class

SPECIALIZED "CLEAN ROOM" CHASSIS

HEALTH CARE | LIFE SCIENCES | MICROCHIPS | COMPUTER TECHNOLOGY | INFORMATION TECHNOLOGY | NANOTECHNOLOGY | BIOMEDICAL

The iX104C5-CR delivers industry-leading performance and functionality in a custom-engineered rugged chassis optimized for clean room operations.

PROVEN RUGGED IN THE REAL WORLD

Laboratory, Life Science, Pharmaceutical and Chip Manufacturers depend on their mobile computing systems to complete analytic job functions, monitor and measure productivity and deliver results in challenging conditions. The iX104C5 CR is ideal for clean room environments to protect against the ingress of contaminants and cleaning solutions, random vibration, temperature extremes, and more. Backed by independent MIL-STD and Ingress Protection (IP) testing, the iX104C5 CR is tough to beat.

XTREME PERFORMANCE

Powered by the newest Intel® Core™ i7 processor, the iX104C5 CR offers the most advanced performance platform in its class. This means organizations can confidently distribute dense, multi-functional applications to increase worker productivity and situational response times.

SUPERIOR FUNCTIONALITY, ENHANCED USABILITY

The iX104C5 CR delivers maximum input flexibility with an innovative auto-switching dual-mode digitizer that supports both finger touch and active pen inputs. An enhanced rugged display with wide viewing cone delivers superior viewability.

TOTAL CONTROL OF OWNERSHIP

The iX104C5 family incorporates advanced technologies from industry leaders and was designed to provide long, stable lifecycles. With high reliability, low failure rates, the iX104C5 family helps deliver greater system uptime and lower Total Cost of Ownership.



REMOVABLE RUGGED SSD CARTRIDGE



iX104C5 Dual-Mode Clean Room 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	COLLABORATION	Stereo Speakers with high definition audio Noise Canceling Microphone Integrated 3 Megapixel digital camera (rear facing) for still and video imaging
PROCESSOR	Intel® Core™ i7, 620 UE processor (Dual-Mode) Turbo Boost Technology (Dual-Mode) (up to 2.13 Ghz) Intel® Celeron™ U3405 processor (DM Lite) 1.06 GHz / 800-1067 MHz FSB / 4 MB Intel® Smart Cache	PORTS	AC/DC power Docking connector USB 2.0 (x2) RJ-45 Headphone/speaker out 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
CHIPSET	Intel® QM57 Express	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 + Y navigation (mouse-like) via biometric scanner STATUS INDICATORS: Power, Charge/DC-in, SSD LEDs
GRAPHICS	Mobile Intel® High Definition (HD) Graphics	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)
DISPLAY	10.4" XGA (1024x768) rugged LED backlit display Dual-Mode AllVue™ Extreme Technology Contrast Ratio = 600:1 (typical) Automatic Light Sensor (ALS), NVIS compatible Dual-Mode Auto-Sensing Finger Touch and Active Pen Input	PERIPHERALS AND DOCKING	Desktop Docking Systems Carrying case options for various applications.
MEMORY	Standard 2 GB DDR3 (up to 1333 MHz) Expandable up to 8 GB (Windows® 7, 64-bit) User-accessible bay	ENVIRONMENTAL SPECIFICATIONS	Independently-tested to MIL-STD-810G: OPERATING TEMPERATURE: -4° F to 122° F (-20° C to 50° C) STORAGE TEMPERATURE: -40° F to 160° F (-40° C to 71° C) HUMIDITY: 3% - 95% non-condensing THERMAL SHOCK: -60° F to 122° F (-51° C to 50° C) SALT FOG: 5% saline exposure, 48-hr exposure ALTITUDE: 40,000 ft (12,192 m) operating OTHER TESTS: Contamination by Fluids and Fungus
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 and 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 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	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 40 GB mSATA SSD drive, 80 GB mSATA SSD option	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)		
SECURITY	Biometrics/Fingerprint Reader (navigation capabilities) TPM 1.2 Intel® Anti-Theft Computrace® Application Agent option Kensington lock slot		

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