

The iX104C5 DMCR TABLET

Dual-Mode Clean Room Ultra-Rugged Tablet PC



5th GENERATION RUGGED



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

OPTIMIZED FOR CLEAN ROOM COMPUTING

- Custom "Clean Room" Enclosure Prevents Contamination
- Able to Undergo Spray Downs with Harsh Chemicals
- Powerhouse Performance Intel® Core™ i7 Platform
- Fully Rugged with an IP65 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
- Full Microsoft® Windows® 7 and Windows® 8
- Comprehensive Communications Suite

BUILT RUGGED FOR CLEAN ROOMS

Personnel working in Clean Room environments need computers that can deliver superior results, yet meet the strict requirements of clean rooms. The iX104C5 DMCR protects against the ingress of contaminants and cleaning solutions, random vibrations, temperature extremes, and more, to provide superior performance under the most challenging conditions. Backed by independent MIL-STD and Ingress Protection (IP) testing, the iX104C5 DMCR is tough to beat.

UNPARALLELED PERFORMANCE

Powered by the modern Intel® Core™ i7 processor, the iX104C5 DMCR offers the most advanced performance platform in its class, so workers can run dense multi-functional Clean Room applications without slowing down. Dual SSDs and up to 8GB of memory enhance performance, and user-configurable RAID array boosts read/write times and allows for data redundancy.

FIELD-PROVEN DESIGNS

The iX104C5 DMCR features a flexible user interface with an innovative auto-switching digitizer pen supporting both glove-touch and active pen inputs. Custom docking options, specialized for Clean Room environments, are available for expanding connectivity. An attached handle allows for maximum portability under any circumstances.

TOTAL CONTROL OF OWNERSHIP

The iX104C5 family incorporates advanced technologies from industry leaders and were designed to provide long, stable lifecycles. The tablets have a proven track record of high reliability with low failure rates. In addition, user-accessible bays allow for in-field upgrades and repairs, helping to deliver greater system uptime on the job and lower total cost of ownership.





FOR TOUGH CLEAN ROOM ENVIRONMENTS.

iX104C5 Dual-Mode Clean Room Ultra-Rugged Tablet PC Specifications

FULLY RUGGED	Multi-layered magnesium chassis MIL-STD-810G and IP65 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)	PORTS	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 access) 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) 5.4 lbs (2.4 kg)
DISPLAY	10.4" XGA (1024x768) rugged LED backlit display Enhanced display for outdoor and indoor use Contrast Ratio = 600:1 (typical) Automatic Light Sensor (ALS) Dual-Mode Auto-Sensing Finger Touch and Active Pen Input	PERIPHERALS AND DOCKING	Desktop Docking Systems Carrying case options for various applications.
MEMORY	Standard 4 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 95° F (-20° C to 35° 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, 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
OPERATING SYSTEMS	Genuine Microsoft® Windows® 7, 32-bit, 64-bit Genuine Microsoft® Windows® 8, 32-bit, 64-bit	IEC INGRESS TESTING	IEC (60529) Ingress Tested to an IP65 standard (10- Cell Battery)--Dust-tight, withstands spray-down environments
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), EN 6 1000-3-2, 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 12.12.01-2007, CSA C22.2 No. 213-M 1987 (R2008)) 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 Warm Swap Capabilities	OTHER	ROHS, Energy Star 5.2 Compliant, EPEAT-Silver RECYCLING PROGRAM: www.xploretech.com/environment/recycle
POWER SUPPLY	100-240 V, 50-60 Hz supplying 19 VDC	WARRANTY	Standard 3-year limited warrant 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 (up to 160GB with Dual SSDs)		
INTEGRATED COMMUNICATIONS	LAN: 10/100/1000 Gigabit Ethernet (RJ-45) WIRELESS LAN: Intel® Centrino® Advanced-N6205 (802.11 a/b/g/n) OPTIONAL MOBILE BROADBAND: GOBI™ 3000 Wireless HSDPA/HSUPA, EVDO (Rev A) BLUETOOTH: 2.1 + EDR Keypad Programmable Radio Toggle (Wireless On/Off)		
SECURITY	Biometrics/Fingerprint Reader (X and Y navigation capabilities) TPM 1.2 Intel® Anti-Theft Computrace® Application Agent option Kensington lock slot		

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