# 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**

Compatible with Windows®7

## 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

**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

**CHIPSET**
Intel® QM57 Express

**GRAPHICS**
Mobile Intel® High Definition (HD) Graphics

**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

**MEMORY**
Standard 2 GB DDR3 (up to 1333 MHz)
Expandable up to 8 GB (Windows® 7, 64-bit)
User-accessible bay

**OPERATING SYSTEMS**
Genuine Microsoft® Windows® 7, 32-bit
Genuine Microsoft® Windows® 7, 64-bit

**SOFTWARE**
xConnect Mobile Broadband Connection Manager with NDIS
xCapture photo and video for landscape and portrait capture

**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

**POWER SUPPLY**
100-240 V, 50-60 Hz supplying 19 VDC

**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

**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

**COLLABORATION**
Stereo Speakers with high definition audio
Noise Canceling Microphone
Integrated 3 Megapixel digital camera (rear facing)
for still and video imaging

**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

**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

**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)

**PERIPHERALS AND DOCKING**
Desktop Docking Systems
Carrying case options for various applications.

**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

**IEC INGRESS TESTING**
IEC (60529) Ingress Tested to an IP67 standard (10-Cell Battery)
Submersion-resistent, dust-tight

**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

**OTHER**
ROHS, Energy Star 5.0 Compliant

**WARRANTY**
Standard 3-year limited warranty
Xplore's X-Care Program

**PARTNERS**