THE CAVALRY HAS ARRIVED.

xplore™

iX104C5 Dual-Mode Sunlight Readable Xtreme Rugged Built Tablet PC

5TH GENERATION RUGGED

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 Finger Print Reader

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 & 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.
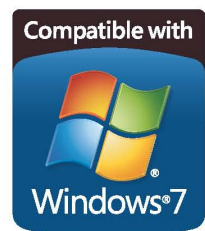
FIELD-PROVEN DESIGNS

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

Compatible with Windows® 7

iX104C5 Dual-Mode Sunlight Readable Fully Rugged Tablet PC

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
Turbo Boost Technology (up to 2.13Ghz)
1.06 GHz / 800-1067MHz 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™ Xtreme technology—Best outdoor sunlight-readability
Contrast Ratio = 600:1 (typical)
Automatic Light Sensor (ALS), NVIS compatible
Dual-Mode auto-sensing Touch & Pen input

MEMORY
Standard 2GB 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 & portrait capture

BATTERY
Standard Extended Life 10-cell Li-Ion battery (68.5 Whr)
User Removeable
Up to 6.5hrs battery life
Optional 8-cell Li-Ion battery (55 Whr)
Up to 4 hrs. battery life
Warm Swap Capabilities

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

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

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: GOBI2000® Wireless HSDPA/HSUPA, EVDO (Rev A)
BLUETOOTH: 2.1 + EDR
KEYPAD: Programmable Radio Toggle (Wireless On/Off)
DEDICATED GPS: Dedicated GPS & Antenna receiver modules
(2 meter and sub-meter options)

SECURITY
Biometrics/Fingerprint Reader (X & 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 & video imaging, bar code capable)

PORTS
AC/DC power
Docking connector
USB 2.0 (x2)
RJ-45
Headphone/speaker & microphone
9-pin Serial port (RS232/RS422/RS485) (VGA replacement option)
MicroSD & SIM socket (tool-less removable door)
Top & Side XPL Pin & Pad Expansion ports

INPUT AND STATUS INDICATORS
Dual-Mode Auto Sensing Touch & Active Pen Input
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 & Vehicle Docking Systems
Carrying case options for various applications

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 & Crash Shock, Contamination by Fluids,
Fungus & Solar Radiation

BEYOND MIL-STD-810G
TRANSIT DROP—OPERATING: 48" (4', 1.22 m): drop direct to concrete while
system is operating, 26 drops
TRANSIT DROP—OPERATING: 84" (7' 2.13 m): drop direct to plywood over
concrete while system is operating, 26 drops

IEC INGRESS TESTING
IEC (60529) Ingress Tested to an IP67 standard (10-Cell Battery)
Submersion-resistant, 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

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