THE CAVALRY HAS ARRIVED.

xplore™

iX104C5 Dual-Mode Sunlight-Readable Military Fully-Rugged Tablet PC

SERIOUS SPECS. SERIOUS USERS.

Powerhouse Performance Intel® Core™ i7 Platform

MIL-STD 461F, 810G and IP67 Tested

Most Rugged Tablet PC in Its Class

AllVue™ Xtreme—Industry Best Outdoor Display

Industry's Best Solid State Storage

Single or Dual SSD (w/heater) with RAID option

Highest Capacity Li-Ion Battery in its Class

Cool Touch Thermal System for Xtreme Temperatures

Custom Active Military Docking System

FIELD-PROVEN FOR MILITARY

MILITARY | **FEDERAL GOVERNMENT** | **ARMY** | **NAVY** | **AIR FORCE** | **MARINES** | **COMBAT OPERATIONS** | **TACTICAL OPERATIONS** | **LOGISTICS**

The iX104C5-M delivers Industry-Leading performance, ruggedness and functionality and raises the bar on what Military and Government customers can expect from their mobile computing systems.

PROVEN RUGGED IN THE REAL WORLD

Military personnel depend on their mobile computing systems to execute mission plans, perform daily tasks and in some cases save lives. Designed for and with frontline personnel, the iX104C5-M 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. Independent MIL-STD-810G, 461F, IP and Hazardous Location testing in combination with rugged design innovations instill confidence the iX104C5-M will protect critical data and deliver in the most challenging tactical conditions.

XTREME PERFORMANCE

Powered by the newest Intel® Core™ i7 processor, the iX104C5 offers the most advanced performance platform in its class, enabling government and military organizations to confidently deploy multi-mission applications to the field thereby helping to enhance situational response times and improve efficiencies.

FIELD-PROVEN DESIGNS

The iX104C5 delivers maximum input flexibility and usability with an optically-engineered rugged sunlight-viewable display with AllVue™ Xtreme technology and innovative auto-switching dual-mode digitizer that supports both gloved-touch and active pen inputs on the fly. Single or dual solid state drives (with integrated heater) and RAID configuration options deliver Industry-Leading reliability, performance and data integrity.

TOTAL CONTROL OF OWNERSHIP

The iX104C5 incorporates advanced technologies from industry leaders and was designed to provide long, stable lifecycles. Its proven track record of high reliability and low failure rates means greater system uptime for military personnel.

REMOVABLE RUGGED SSD CARTRIDGE

Compatible with
Windows® 7

iX104C5 Dual-Mode Sunlight-Readable Military Fully-Rugged Tablet PC Specifications

FULLY-RUGGED
Multi-layered desert tan magnesium chassis
MIL-STD-810G, MIL-STD-461 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,
with integrated heater

INTEGRATED COMMUNICATIONS
LAN: 10/100/1000 Gigabit Ethernet (RJ-45)
WIRELESS LAN: Intel® Centrino® Advanced-N6200 (802.11 a/b/g/n)
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 (Dual-Mode)
AC/DC power
Docking connector
USB 2.0 (x2)

PORTS
RJ-45
Headphone/speaker & microphone
VGA (9-pin serial port option - RS232/RS422/RS485)
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
Custom Military Vehicle Docking System

ENVIRONMENTAL SPECIFICATIONS
Independently-tested to MIL-STD-810G:
OPERATING TEMPERATURE: -4˚ F to 140˚ F (-20˚ C to 60˚ C)
-49˚ F (-45˚ C) with ext power or MDock
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 (15,240 m) operating
OTHER TESTS: Functional and Crash Shock, Contamination by Fluids,
Fungus & Solar Radiation, Bench Shock

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