

HEAVY FEATURES, LITE WEIGHT.

xplore™

iX104C5 Dual-Mode and Dual-Mode Lite Fully-Rugged Tablet PCs



SERIOUS SPECS. SERIOUS USERS.

Powerhouse Performance Intel® Core™ i7 Platform
DM Lite: Cost-Effective Intel® Celeron™ CPU
Most Rugged Tablet PCs in their Class
Tool-Free Access to SSD, SIM, MicroSD
Enhanced Rugged Display—Ambient Outdoor/Indoor Use
Industry's Best SSD—Single or Dual with RAID Option
Highest Capacity Li-Ion Battery in its Class
Auto-Switching Finger Touch and Active Pen Inputs
3MP Imager and X+Y Fingerprint Reader

5TH GENERATION RUGGED

FIELD SERVICE | MANUFACTURING | WAREHOUSING | LAW ENFORCEMENT | TRANSPORTATION | DISTRIBUTION | UTILITIES | ENERGY | FIRE & EMS

The iX104C5 DM is the most rugged, powerful and flexible Tablet PC in its class, while the Dual-Mode Lite (DML) delivers cost-effective performance for less resource-intensive applications.

PROVEN RUGGED IN THE REAL WORLD

Warehousing, Manufacturing, Transportation, Field Service and other front-line workers require rugged, reliable mobile computing systems to complete job tasks, execute program objectives and deliver superior service to their customers. With industry-leading ruggedness, Xplore's iX104C5 Tablet PCs stand up to harsh conditions that can challenge success—4' drops onto concrete, operation in driving rain, blowing dust and dirt, constant vehicle or fork truck vibration, temperature extremes and more.

XTREME PERFORMANCE

Powered by the newest Intel® Core™ i7 processor, the iX104C5 Dual-Mode 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. The iX104C5 DML delivers a value-based offering for less resource-intensive applications. Xplore's Cool Touch™ Thermal Management system keeps the systems cool while maintaining a submersible IP67 rating.

FIELD-PROVEN DESIGNS

The iX104C5 DM / DML deliver maximum input flexibility with an innovative auto-switching dual-mode digitizer which supports finger touch and active pen inputs. An enhanced rugged display with wide viewing cone delivers superior viewability in both ambient outdoor and indoor environments. 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 tablets incorporate advanced technologies from industry leaders and were designed to provide long, stable lifecycles. With high reliability, low failure rates and innovative user-accessible bays the iX104C5 family helps deliver greater system uptime and lower Total Cost of Ownership.



EXTENDED USE 10-CELL BATTERY



iX104C5 Dual-Mode and Dual-Mode Lite Fully-Rugged Tablet PCs Specifications

FULLY RUGGED	Multi-layered magnesium chassis MIL-STD-810G and IP67 tested Hazardous Location Certified Piston Sealing, Rugged SSD Cartridge	PORTS	AC/DC power Docking connector USB 2.0 (x2) RJ-45 Headphone/speaker 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
PROCESSOR	Intel® Core™ i7, 620 UE processor (Dual-Mode) Turbo Boost Technology (Dual-Mode) (up to 2.13 GHz) Intel® Celeron™ U3405 processor (Dual-Mode Lite) 1.06 GHz / 800-1067 MHz FSB / 4 MB Intel® Smart Cache	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
CHIPSET	Intel® QM57 Express	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)
GRAPHICS	Mobile Intel® High Definition (HD) Graphics	PERIPHERALS AND DOCKING	Desktop and Vehicle Docking Systems Carrying case options for various applications
DISPLAY	10.4" XGA (1024x768) rugged LED backlit display Enhanced display for ambient outdoor and indoor use Contrast Ratio = 600:1 (typical) Automatic Light Sensor (ALS), NVIS compatible Dual-Mode Auto-Sensing Finger Touch and Active Pen Inputs	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: 40,000 ft (12,192 m) operating OTHER TESTS: Functional and Crash Shock, Contamination by Fluids, Fungus and Solar Radiation
MEMORY	Standard 2 GB DDR3 (up to 1333 MHz) (Dual-Mode) Standard 1 GB DDR3 (up to 1333 MHz) (Dual-Mode Lite) Expandable up to 8 GB (Windows® 7, 64-bit) User-accessible bay	BEYOND MIL-STD-810G	TRANSIT DROP – OPERATING: 4' (1.22 m): drop direct to concrete while system is operating, 26 total drops
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/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
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	Auto-Sensing, 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) DEDICATED GPS: Dedicated GPS and 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 and video imaging, bar code-capable		

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