

The iX104C5 DM & DM-L TABLETS

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



5th GENERATION RUGGED



The iX104C5 Dual-Mode (DM) is the most rugged, powerful and flexible Tablet PC in its class.

The Dual-Mode Lite (DML) delivers cost-effective performance for less resource-intensive applications

THE MOST RUGGED TABLET ON EARTH

- DM: Powerhouse Performance Intel® Core™ i7 Platform
- DM-L: Cost-Effective Intel® Celeron™ CPU
- Most Rugged Tablet PCs in their Class
- Intrinsically Safe for Explosion-Prone Environments
- Tool-Free Access to SSD, SIM, MicroSD
- Enhanced Rugged Display for Outdoor/Indoor Use
- Industry's Best SSD—Single or Dual with RAID Option
- Designed for In-Field Upgrades to Reduce TCO
- Cool Touch™ Thermal Management
- Full Microsoft® Windows® 7 and Windows® 8
- Comprehensive Communications Suite

PROVEN RUGGED IN THE REAL WORLD

Workers in tough industries require rugged, reliable mobile computing systems to get the job done. The iX104C5 DM and DM-L stand up to real world conditions such as 4' operating drops to concrete, heavy rains, blowing sand and dust, constant vibration, temperature extremes and more. Rugged design innovations in combination with independent MIL-STD testing ensures the iX104C5 will protect critical data and deliver in the most challenging conditions.

UNPARALLELED PERFORMANCE

Powered by the modern Intel® Core™ i7 processor, the iX104C5 Dual Mode offers the most advanced performance platform in its class. With dual SSDs and up to 8GB of memory, the tablet can run dense, multi-functional field applications without slowing down. The iX104C5 DM-L features a Intel® Celeron™ processor, for supporting less resource intensive applications at a lower cost.

FIELD-PROVEN DESIGNS

The iX104C5 DM / DML delivers a flexible user interface with an innovative auto-switching digitizer supporting both glove-touch and active pen inputs. Xplore's Cool Touch™ Thermal Management system keeps the systems cool while maintaining a submersible IP67 rating. Enhanced multi-modal wireless communications like Wi-Fi, Gobi 3000, and a sub-meter GPS lets users readily view critical information on-site and in real-time.

TOTAL CONTROL OF OWNERSHIP

The DM and DM-L incorporate 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.



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 access) 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 ~ 5.4 lbs (2.49 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 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 4 GB DDR3 (up to 1333 MHz) Expandable up to 8 GB (Windows® 7, 64-bit) (Dual Mode) User-accessible bay	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 while system is operating, 26 drops
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 IP67 standard (10-Cell Battery) Submersion-resistant, dust-tight
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	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) 80 GB mSATA SSD option (Dual-Mode) 40 GB mSATA SSD drive (Dual-Mode Lite)		
INTEGRATED COMMUNICATIONS	LLAN: 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) DEDICATED GPS: Dedicated GPS and Antenna receiver modules (2 meter and sub-meter options)		
SECURITY	Biometrics/Fingerprint Reader (X and 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		

Visit www.xploretech.com for complete descriptions of test methods procedures, and summary of test methods used. Xplore Technologies is a registered trademark of Xplore Technologies Corporation of America. All trademarks contained herein are sole property of their respective owners. All technical data and specifications are subject to change.