

L10

RUGGED TABLET PLATFORM



PRODUCT SPECIFICATIONS

DURABILITY

- MIL-STD-810G
 - 6' drop tested onto plywood over concrete
 - 4' drop tested onto concrete
- C1D2 (Class 1 Division 2) for hazardous locations¹
- IP65
- Magnesium-alloy internal frame
- Durable corner bumpers

OPERATING SYSTEMS

- Windows® 10 Pro 64-bit

PROCESSOR

- 8th Generation Intel® Core™ i7 vPro™ Processor – 8650U
 - LPDDR3, 1.90 GHz with turbo frequency to 4.20 GHz
- 8th Generation Intel® Core™ i5 vPro™ Processor – 8350U
 - LPDDR3, 1.70 GHz with turbo frequency to 3.60 GHz
- 8th Generation Intel® Core™ i5 Processor – 8250U
 - LPDDR3, 1.60 GHz with turbo frequency to 3.40 GHz
- Intel® Pentium® processor N4200
 - LPDDR4, 1.10 GHz with turbo frequency to 2.50 GHz

MEMORY

- 4GB (Pentium N4200 only)
- 8GB (Pentium N4200 & Core i5 8250U only)
- 16GB (Core i5 vPro 8350U & Core i7 vPro 8650U only)

STORAGE OPTIONS

- | | |
|-------------------|-------------------|
| N4200 CPU | Core i5 & i7 CPUs |
| • 64 GB SATA SSD | • 128 GB SATA SSD |
| • 128 GB SATA SSD | • 256 GB PCIe SSD |
| • 256 GB SATA SSD | • 512 GB PCIe SSD |
| • 512 GB SATA SSD | • 1 TB PCIe SSD |

DISPLAY

- 10.1" 2K Resolution Display
- WUXGA 1920 x 1200 (16:10)
 - Standard 500 Nit Capacitive, or
 - ViewAnywhere® 1000 Nit Capacitive, or
 - ViewAnywhere 1000 Nit with active Wacom® digitizer
- Corning® Gorilla® Glass 3
- Capacitive 10-Point Touch
- Contrast Ratio = 800 : 1
- Wide Viewing Angle ±89°
- Standard user replaceable anti-glare screen protector
 - 3H hardness
- Auto-sensing standard, glove and wet touch
- Night vision mode supported

GRAPHICS

- | | |
|---------------------------|---------------------------|
| N4200 CPU | Core i5 & i7 CPUs |
| • Intel® UHD Graphics 505 | • Intel® UHD Graphics 620 |

CAMERA

- 13 MP rear camera
- 2 MP front camera

INTEGRATED COMMUNICATIONS

- Intel® Dual Band Wireless-AC 8265 Wi-Fi® plus Bluetooth® 4.2 (EDR + BLE)
- NFC
- Optional Internal Wireless (1 expansion slot)
 - Sierra Wireless EM7565, 4G LTE with GNSS (GPS + GLONASS + Galileo + Beidou)
- or
 - Discrete GNSS, Navisys Technology (u-blox) GPS + GLONASS with SBAS (WAAS, EGNOS and MSAS)
- Optional Pass-Through antenna includes 5 ports for MIMO WWAN, MIMO WLAN and GPS

PORTS

- Docking connector
- (2) USB 3.0 ports
- USB type C port (USB 2.0, USB 3.0, Display Port out)
- RJ-45 ethernet port
- 3.5 mm audio output (stereo out, mono in)
- Dual Nano SIM (4FF)
- Micro-SDXC Port

INTEGRATED OPTIONS

- NFC
- Optional 1D/2D Barcode Reader (XPAD only)
- Optional True RS232 Serial, or
- Optional HDMI-In, or
- Optional CAC / Smart Card Reader, or
- Optional UHF RFID Reader (AEI)

BATTERY LIFE & POWER

- Battery operation
 - Standard battery: up to 10 hours²
 - Extended battery: up to 27 hours²
- Battery charge time
 - Standard battery: 2.75 hours with system off³
 - Extended battery: 3.25 hours with system off³
- Standard bridge battery (1 minute swap time)
 - Hot swap battery feature comes standard
- Input Voltage: 12-20V, AC Adapter = 19V

DIMENSIONS/WEIGHT⁴

XSLATE	XPAD
• 11" x 7.7" x .88" (280.8 mm x 195.2 mm x 22 mm)	• 11" x 10" x .88" (280.8 mm x 255.9 mm x 22 mm)
• 2.8 lbs (1.3 kg)	• 3.1 lbs (1.4 kg)

SECURITY

- Integrated Fingerprint Reader
- Trusted Platform Module (TPM) 2.0
- Optional CAC / SmartCard reader

AUDIO	- Intel High Definition Audio - Realtek® HD Codec - RealTek noise cancellation - Multi-directional array microphone - 2 microphones (2 front facing array mic) 1 front facing speaker (XPAD) 1 rear facing speaker (XSLATE, XBOOK)
STATUS INDICATORS	- System status - Battery status - Camera Active - SSD Activity
SOFTWARE	- Know Your Tablet - Pen and Touch Enabled BIOS Setup
WARRANTY	3 year standard coverage included - Extended Warranty & xDefend Programs available. Please contact sales or visit https://support.xploretech.com/support/warranties for further information
STANDARDS	- ACPI 6.2 compliant - UEFI BIOS - Certified for Microsoft Windows 10 Client family version 1803, x64
IEC INGRESS TESTING	IEC (60529) Ingress Tested to IP65 Standard
ENVIRONMENTAL	- Tested to MIL-STD-810G Standards Operating Temperature: -20 °C to 60 °C / -4 °F to 140 °F Storage Temperature: -30 °C to 70 °C / -22 °F to 158 °F Transit Drop - Operating: 6' (1.83 M) Drop Direct to Plywood over Concrete while System is Operating, 26 Drops Vibration: Minimum Integrity Non-operating, Composite Wheel Operating Shock: 40G operating Relative Humidity: 3% to 95% non-condensing, 30°C to 60°C, 5 cycles of 48Hr Water Proofness: Method 506.5 - Procedure I, Wind speed 40 mph, 4 inches per hour, 4 sides Blowing Sand: 20M/S, rate 1.1g/m³ (+/- .3g) at High Temperature of 60°C Blowing Dust: Velocity 8.9M/s Dust Concentration 3.9 g/m³ at High Temperature of 60 °C Temperature Shock: -30°C to 70°C / -22°F to 158°F within 5 Minutes, non-operating Contamination by Fluids: 50/50 Solution of Water and Bleach, 50/50 Solution of Water and Hydrogen Peroxide, Diesel Fuel, Mineral Based Oil, Lysol Disinfectant, Denatured Alcohol, Isopropyl Alcohol Altitude: Operating: 50,000 ft (15,240m)

REGULATORY

- PRODUCT SAFETY	- UL/CSA 60950-1, 2nd Ed. - IEC/EN 60950-1 - AS/NZS 60950-1, 2nd ED. - NOM 019 - C1D2, ANSI/ISA 12.12.01-2013 (Hazardous Location)
- SAR	- FCC OET 65 Supplement C - CAN/CSA RSS-102 Issue 5, Safety Code 6 - EN 62311, EN 62209-2 - EN62209-2:201
- EMC	- FCC Part 15 B, Class B - CAN/CSA ICES-003, Class B - EN55032, Class B - EN 301-489-1 - EN 301-489-17 - EN 301-489-24 - EN 61000-3-2 - EN 61000-3-3 - EN55024 - EN 303 413
- ENVIRONMENT	- California Proposition 65 - Battery Charging Systems - RoHS 2 Directive 2011/65/EU - WEEE Directive 2012/19/EU - Battery Waste Directive 2013/56/EU - NMX -1-122-NYCE-2006 (Mexico Energy Consumption) - Energy Star Compliant

ACCESSORIES

- Companion Keyboard
- Kickstand
- KickStrap
- Soft Handle
- Extended Life Battery
- Battery Charger
- Industrial Dock
- Vehicle Dock
- Office Dock
- Carry Case
- Shoulder Strap

¹ Certifications pending. Contact Xplore for more information.

² MobileMark 2014 performance testing software. Battery performance will vary by system configuration. Battery life and recharge estimates will vary based on system settings, applications, optional features, environmental conditions, battery conditioning and user preferences.

³ Approximate charging time. Validated charging from 5% to 90% with system on or system off.

⁴ Weight represents approximate system weight measured with a 36Whr battery. Actual system weight may vary depending on configuration, component and manufacturing variability.

