

# L10

## RUGGED TABLET PLATFORM



### PRODUCT SPECIFICATIONS

**DURABILITY**

- MIL-STD-810G (drop test 6' over plywood)
- ATEX / IECEx / Class 1 Division 2 for hazardous locations<sup>1</sup>
- IP65 (Water, dust and splash resistant)
- 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**

- |                   |                              |
|-------------------|------------------------------|
| <b>N4200 CPU</b>  | <b>Core i5 &amp; i7 CPUs</b> |
| • 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°
- Auto-sensing standard, glove and wet touch
- Night vision mode supported

**GRAPHICS**

- |                           |                              |
|---------------------------|------------------------------|
| <b>N4200 CPU</b>          | <b>Core i5 &amp; i7 CPUs</b> |
| • Intel® UHD Graphics 505 | • Intel® UHD Graphics 620    |

**CAMERA**

- 13 MP rear camera
- 2 MP front camera
- Rear camera LED flash

**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-SDHC port

**INTEGRATED OPTIONS**

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

**BATTERY LIFE & POWER**

- Standard Battery, 36Whr, up to 10 hr run-time<sup>2</sup>
- Extended Life Battery, 98Whr, Up to 27 hr run-time<sup>2</sup>
- Standard Battery charge time: 2.75 hr with system off<sup>3</sup>
- Standard Bridge battery
- Input Voltage: 12-20V, AC Adapter = 19V

**DIMENSIONS/ WEIGHT<sup>4</sup>**

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
- Computrace
- Removable SSD panel

<b>AUDIO</b>	<ul style="list-style-type: none"> <li>• Intel High Definition Audio</li> <li>• Realtek® HD Codec</li> <li>• RealTek noise cancellation</li> <li>• Multi-directional array microphone               <ul style="list-style-type: none"> <li>- 2 microphones (2 front facing array mic)</li> </ul> </li> <li>• 1 front facing speaker (XPAD)</li> <li>• 1 rear facing speaker (XSLATE, XBOOK)</li> </ul>	<b>REGULATORY</b>	<ul style="list-style-type: none"> <li>- PRODUCT SAFETY               <ul style="list-style-type: none"> <li>• UL62368-1 2nd Ed.</li> <li>• IEC/EN 62368-1 2nd Ed.</li> <li>• LVD Directive 2014/35/EU</li> <li>• NOM 019</li> <li>• ANSI/ISA 12.12.01-2013 (Hazardous Location)</li> </ul> </li> <li>- SAR               <ul style="list-style-type: none"> <li>• FCC OET 65 Supplement C</li> <li>• CAN/CSA RSS-102 Issue 5, Safety Code 6</li> <li>• EN 62311, EN 62209-2</li> <li>• EN62209-2:201</li> </ul> </li> <li>- EMC               <ul style="list-style-type: none"> <li>• FCC Part 15 B, Class B</li> <li>• CAN/CSA ICES-003, Class B</li> <li>• EN55032, Class B</li> <li>• EN 301-489-1</li> <li>• EN 301-489-17</li> <li>• EN 301-489-24</li> <li>• EN 61000-3-2</li> <li>• EN 61000-3-3</li> <li>• EN55024</li> <li>• EN 303 413</li> </ul> </li> <li>- ENVIRONMENT               <ul style="list-style-type: none"> <li>• California Proposition 65</li> <li>• Battery Charging Systems</li> <li>• RoHS 2 Directive 2011/65/EU</li> <li>• WEEE Directive 2012/19/EU</li> <li>• Battery Waste Directive 2013/56/EU</li> <li>• EN 62623:2013 ( ErP Lot 3 / Lot 26)</li> <li>• NMX -1-122-NYCE-2006 (Mexico Energy Consumption)</li> <li>• Energy Star Compliant</li> </ul> </li> </ul>
<b>STATUS INDICATORS</b>	<ul style="list-style-type: none"> <li>• System status</li> <li>• Battery status</li> <li>• Camera Active</li> <li>• SSD Activity</li> </ul>	<b>ACCESSORIES</b>	<ul style="list-style-type: none"> <li>• Companion Keyboard</li> <li>• Kickstand</li> <li>• KickStrap</li> <li>• Soft Handle</li> <li>• Extended Life Battery</li> <li>• Battery Charger</li> <li>• Industrial Dock</li> <li>• Vehicle Dock</li> <li>• Office Dock</li> </ul>
<b>SOFTWARE</b>	<ul style="list-style-type: none"> <li>• Know Your Tablet</li> <li>• Pen and Touch Enabled BIOS Setup</li> </ul>		
<b>WARRANTY</b>	<ul style="list-style-type: none"> <li>• 3 year standard coverage included</li> <li>• Extended Warranty &amp; xDefend Programs available. Please contact sales or visit <a href="#">xplore.com</a> for further information.</li> </ul>		
<b>STANDARDS</b>	<ul style="list-style-type: none"> <li>• ACPI 6.2 compliant</li> <li>• UEFI BIOS</li> <li>• Certified for Microsoft Windows 10 Client family version 1803, x64</li> </ul>		
<b>IEC INGRESS TESTING</b>	<ul style="list-style-type: none"> <li>• IEC (60529) Ingress Tested to IP65 Standard</li> </ul>		
<b>ENVIRONMENTAL</b>	<ul style="list-style-type: none"> <li>• Tested to MIL-STD-810G Standards</li> <li>• <b>Operating Temperature:</b> -20 °C to 60 °C / -4 °F to 140 °F</li> <li>• <b>Storage Temperature:</b> -30 °C to 70 °C / -22 °F to 158 °F</li> <li>• <b>Transit Drop - Operating:</b> 6' (1.83 M) Drop Direct to Plywood over Concrete while System is Operating, 26 Drops</li> <li>• <b>Vibration:</b> Minimum Integrity Non-operating, Composite Wheel Operating</li> <li>• <b>Shock:</b> 40G operating</li> <li>• <b>Relative Humidity:</b> 3% to 95% non-condensing, 30°C to 60°C, 5 cycles of 48Hr</li> <li>• <b>Water Proofness:</b> Method 506.5 - Procedure I, Wind speed 40 mph, 4 inches per hour, 4 sides</li> <li>• <b>Blowing Sand:</b> 20M/S, rate 1.1g/m<sup>3</sup> (+/- .3g) at High Temperature of 60°C</li> <li>• <b>Blowing Dust:</b> Velocity 8.9M/s Dust Concentration 3.9 g/m<sup>3</sup> at High Temperature of 60 °C</li> <li>• <b>Temperature Shock:</b> -30°C to 70°C / -22°F to 158°F within 5 Minutes</li> <li>• <b>Contamination by Fluids:</b> 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</li> <li>• <b>Altitude:</b> Operating: 50,000 ft (15,240m)</li> </ul>		

<sup>1</sup> Certifications pending. Contact Xplore for more information.

<sup>2</sup> 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.

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

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

