

## Zebra XPAD L10 Rugged Tablet

The 10.1" XPAD L10 Hard-Handle Rugged Tablet is Perfect for Those Who Work on Their Feet All Day

While the XPAD L10 Rugged Tablet may be best recognized for its ergonomic hard handle, it is also known for its field-proven, industrial-grade durability – especially among those in field service and industrial sectors who spend their days walking and working. Our rugged tablet engineers have applied more than 20 years of expertise to perfect the balanced design and improve the user handling of this ergonomic rugged tablet form factor. We have also integrated the most advanced rugged computing technology available today to ensure the XPAD L10 exceeds your performance expectations for years to come.



### Incredible, lightweight strength

The XPAD L10 is waterproof and dustproof, C1D2 certified for safe use in Hazardous Locations\*, and MIL-STD-810G rated for 6 ft drops. This ergonomic tablet will also operate in both the freezing cold (-20 C / -4F) and extreme heat (60 C / 140 F) without issue, and it can handle constant vibration, humidity, and exposure to oils, grease, and other common on-the-job hazards.

### More than enough speed and power

Choose between high-speed 8th generation Intel® Core™-Series processors or an Intel Pentium® processor. Either way, you will be able to download data 600% faster and upload data 300% faster than previous generations when you opt for the advanced 4G LTE card. A barcode reader can be ergonomically built into the hard handle to expedite data entry, and you can add on an extended-life, hot-swappable battery for over 24 hours of uninterrupted productivity.

### Truly reliable connectivity

MIMO WWAN, MIMO WLAN, and GPS pass-through antennas improve vehicle throughput. A combination of 802.11ac Wi-Fi, Bluetooth® 4.2, NFC and 4G LTE wireless technologies keep signals strong in both dense and remote locations worldwide.

### Unique functional flexibility

Accessories such as batteries and chargers can be shared with colleagues using either Zebra XBOOK L10, XPAD L10, or XSLATE L10 rugged tablet configurations. The XPAD can also share vehicle mounts, office docks, and industrial docks with other Zebra L10 form factors for safe, secure use in lift trucks, heavy equipment, patrol cars, or anything with wheels.

The exclusive ergonomics of the XPAD L10 hard-handle rugged tablet give your workers a more comfortable mobile computing experience during long shifts. The custom-configurability of the Zebra L10 mobile computing ecosystem gives workers the exact technology tool they need to complete tasks faster than ever - even when challenged by adverse working conditions common in construction, manufacturing, transportation, and field service environments. The proven reliability, security, and platform stability of our rugged-to-the-core tablet engineering will give you a longer-lasting, and higher-value, return on your investment:

- IP65 waterproof and dustproof rating
- C1D2 certified for safe use in Hazardous Locations\*
- MIL-STD-810G rated for 6 ft drops, as well as constant exposure to high humidity, vibration, extreme operating temperatures (-4 F to 140 F / -20 C to 60 C), and more
- Removable SSDs, TPM 2.0, Smart Card / CAC options, and an integrated fingerprint reader provide enterprise-grade security protection for your device and data. Kensington Lock protects against theft
- Multiple I/O options allow for easy connection with critical business technologies, including HDMI-In and True Serial ports and standard USB 3.0, USB-C and RJ45 ports



\* Certification pending



## PRODUCT SPEC SHEET

ZEBRA RUGGED TABLETS:  
XPAD L10

### A versatile rugged tablet platform

The Zebra L10 rugged platform offers a variety of tablet configurations and a shared accessory ecosystem that sets a new standard in office, vehicle, and field-based computing. Building the perfect mobility solution for your most critical business applications is easy with the versatile L10. These extremely rugged 10.1" Windows® tablets can be custom-configured to satisfy many different enterprise computing requirements and budgets. Whether your mobile workers prefer a slate tablet, a tablet with a hard-handle and built-in barcode reader option, or a 2-in-1 laptop / tablet with a full-featured keyboard, the functional flexibility of the Zebra L10 ensures that your workers have the right computing tool for their job. Only Zebra offers this many performance, security, connectivity, and accessory options in one rugged mobile computer platform.



#### XSLATE L10

Lightweight slate design allows for easy transport and use between the office, vehicle, and field



#### XPAD L10

Hard handle and integrated barcode reader for ergonomic all-day data capture



#### XBOOK L10

2-in-1 flexibility makes it the ideal laptop replacement

### Shared Accessory Ecosystem

Docks, batteries, kickstands, keyboards, and other accessories can be shared across all Zebra L10 tablet models. Plus, L10 accessories purchased today will remain fully compatible with future-generation L10 rugged tablets.

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

\*Keyboard and KickStrap come standard with XBOOK, available as options on XSLATE and XPAD

\*\*Contact Zebra for information on accessory availability

## Choose Accessories to Maximize Your Mobility Investment for Generations



Companion Keyboard &  
KickStrap



Kickstand



Soft Handle



Extended Life Battery



Industrial Dock



Vehicle Dock



Office Dock



Battery Charger

## XPAD L10 Tablet Specifications Chart

<b>DURABILITY</b>											
<b>Drop Test</b>	MIL-STD-810G - 6' drop tested onto plywood over concrete - 4' drop tested onto concrete										
<b>Hazardous Environment</b>	CID2 (Class 1 Division 2) for hazardous locations <sup>1</sup>										
<b>Ingress</b>	IP65										
<b>Internal</b>	Magnesium-alloy internal frame										
<b>External</b>	Durable corner bumpers										
<b>SYSTEM FEATURES</b>											
<b>Operating System</b>	Windows® 10 Pro 64-bit										
<b>Processor</b>	<ul style="list-style-type: none"> <li>8th Generation Intel® Core™ i7 vPro™ Processor – 8650U (LPDDR3, 1.90 GHz with turbo frequency to 4.20 GHz)</li> <li>8th Generation Intel® Core™ i5 vPro™ Processor – 8350U (LPDDR3, 1.70 GHz with turbo frequency to 3.60 GHz)</li> <li>8th Generation Intel® Core™ i5 Processor – 8250U (LPDDR3, 1.60 GHz with turbo frequency to 3.40 GHz)</li> <li>Intel® Pentium® processor N4200 (LPDDR4, 1.10 GHz with turbo frequency to 2.50 GHz)</li> </ul>										
<b>Memory</b>	<ul style="list-style-type: none"> <li>4GB (Pentium N4200 only)</li> <li>8GB (Pentium N4200 &amp; Core i5 8250U only)</li> <li>16GB (Core i5 vPro 8350U &amp; Core i7 vPro 8650U only)</li> </ul>										
<b>Storage Options</b>	<table> <tr> <td>N4200 CPU</td><td>Core i5 &amp; i7 CPUs</td></tr> <tr> <td>• 64 GB SATA SSD</td><td>• 128 GB SATA SSD</td></tr> <tr> <td>• 128 GB SATA SSD</td><td>• 256 GB PCIe SSD</td></tr> <tr> <td>• 256 GB SATA SSD</td><td>• 512 GB PCIe SSD</td></tr> <tr> <td>• 512 GB SATA SSD</td><td>• 1 TB PCIe SSD</td></tr> </table>	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
N4200 CPU	Core i5 & i7 CPUs										
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• 256 GB SATA SSD	• 512 GB PCIe SSD										
• 512 GB SATA SSD	• 1 TB PCIe SSD										
<b>Display</b>	<ul style="list-style-type: none"> <li>10.1" 2K Resolution Display</li> <li>WUXGA 1920 x 1200 (16:10)</li> <li>- Standard 500 Nit Capacitive, or</li> <li>- View Anywhere® 1000 Nit Capacitive, or</li> <li>- View Anywhere 1000 Nit with Active Wacom® Digitizer</li> <li>• Corning® Gorilla® Glass 3</li> <li>• Capacitive 10-Point Touch</li> <li>• Contrast Ratio = 800 : 1</li> <li>• Wide Viewing Angle ±89°</li> <li>• Standard user replaceable anti-glare screen protector - 3H hardness</li> <li>• Auto-sensing standard, glove and wet touch</li> <li>• Night vision mode supported on Active View Anywhere Display only</li> </ul>										
<b>Graphics</b>	N4200 CPU - Intel® UHD Graphics 505 Core i5 & i7 CPUs - Intel® UHD Graphics 620										
<b>Camera</b>	<ul style="list-style-type: none"> <li>• 13 MP rear camera</li> <li>• 2 MP front camera</li> </ul>										
<b>Integrated Communications</b>	<ul style="list-style-type: none"> <li>• Intel® Dual Band Wireless-AC 8265 Wi-Fi® plus</li> <li>• Bluetooth® 4.2 (EDR + BLE)</li> <li>• NFC</li> <li>• Optional Internal Wireless (1 expansion slot)               <ul style="list-style-type: none"> <li>- Sierra Wireless EM7565, 4G LTE with GNSS (GPS + GLONASS + Galileo + Beidou)</li> <li>or</li> <li>- Discrete GNSS, Navisys Technology (u-blox) GPS + GLONASS with SBAS (WAAS, EGNOS and MSAS)</li> </ul> </li> <li>• Optional Pass-Through antenna includes 5 ports for MIMO WWAN, MIMO WLAN and GPS</li> </ul>										
<b>Ports</b>	<ul style="list-style-type: none"> <li>• Docking connector</li> <li>• (2) USB 3.0 ports</li> <li>• USB type C port (USB 2.0, USB 3.0, Display Port out)</li> <li>• RJ-45 ethernet port</li> <li>• 3.5 mm audio output (stereo out, mono in)</li> <li>• Dual Nano SIM (4FF)</li> <li>• Micro-SDXC</li> </ul>										
<b>Integrated Options</b>	<ul style="list-style-type: none"> <li>• NFC</li> <li>• Optional 1D/2D Barcode Reader (XPAD only)</li> <li>• Optional True RS232 Serial, or</li> <li>• Optional HDMI-In, or</li> <li>• Optional CAC / Smart Card Reader, or</li> <li>• Optional UHF RFID Reader (AEI)</li> </ul>										
<b>Battery Life &amp; Power</b>	<ul style="list-style-type: none"> <li>• Battery operation               <ul style="list-style-type: none"> <li>- Standard battery: up to 10 hours</li> <li>- Extended battery: up to 27 hours<sup>2</sup></li> </ul> </li> <li>• Battery charge time               <ul style="list-style-type: none"> <li>- Standard battery: 2.75 hours with system off<sup>3</sup></li> <li>- Extended battery: 3.25 hours with system off<sup>3</sup></li> </ul> </li> <li>• Standard bridge battery (1 minute swap time)               <ul style="list-style-type: none"> <li>- Hot swap battery feature comes standard</li> </ul> </li> <li>• Input Voltage: 12-20V, AC Adapter: 19V</li> </ul>										
<b>Dimensions / Weight</b>	<table> <tr> <th>XSLATE</th><th>XPAD</th></tr> <tr> <td>• 11" x 7.7" x .88" (280.8 mm x 195.2 mm x 22 mm)</td><td>• 11" x 10" x .88" (280.8 mm x 255.9 mm x 22 mm)</td></tr> <tr> <td>• 2.8 lbs (1.3 kg)</td><td>• 3.1 lbs (1.4 kg)</td></tr> </table>	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)				
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)										
<b>Security</b>	<ul style="list-style-type: none"> <li>• Integrated Fingerprint Reader</li> <li>• Trusted Platform Module (TPM) 2.0</li> <li>• Optional CAC / SmartCard reader</li> </ul>										
<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>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>SOFTWARE</b>											
<b>Software</b>	<ul style="list-style-type: none"> <li>• Know Your Tablet</li> <li>• Pen and Touch Enabled BIOS Setup</li> </ul>										

Continued on page 4



## PRODUCT SPEC SHEET

ZEBRA RUGGED TABLETS:  
XPAD L10

# XPAD L10 Tablet Specifications (continued)

WARRANTY		REGULATORY	
Warranty Information	<ul style="list-style-type: none"> <li>3 year standard coverage included</li> <li>Extended Warranty &amp; xDefend Programs available.</li> </ul>	Product Safety	<ul style="list-style-type: none"> <li>UL/CSA 60950-1, 2nd Ed.</li> <li>IEC/EN 60950-1</li> <li>AS/NZS 60950-1, 2nd Ed.</li> <li>NOM 019</li> <li>C1D2, ANSI/ISA 12.12.01-2013 (Hazardous Location)</li> </ul>
TESTING AND STANDARDS		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>
Standards	<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>	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>
IEC Ingress Testing	<ul style="list-style-type: none"> <li>IEC (60529) Ingress Tested to IP65 Standard</li> </ul>	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>NMX-1-122-NYCE-2006 (Mexico Energy Consumption)</li> <li>Energy Star Compliant</li> </ul>
Environmental	<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</b> - Operating: 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/m3 (+/- .3g) at High Temperature of 60°C</li> <li><b>Blowing Dust:</b> Velocity 8.9M/s Dust Concentration 3.9 g/m3 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, non-operating</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 Zebra 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.

Zebra acquired Xplore Technologies and all its products in 2018.



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