ZEBRA

L10ax Windows Rugged Tablets

The ultimate XSlate and XPad 10-inch 'go-anywhere' tablets

Give your workers the power of mobile data in your most demanding environments with Zebra's L10ax Windows Rugged Tablet family. Multiple models meet the needs of workers out in the field in energy, mining, utilities, telecommunications, construction, public safety and government — as well as in pharmaceutical and food processing warehouses and manufacturing plants. Support for Wi-Fi 6E[1] and optional 5G/4G, the latest wireless technologies, keeps workers connected to the information and people they need, every minute of every shift. Intel's 11th generation processor delivers blazing fast performance on all your apps, while a choice of batteries provides full-shift or around-the-clock power with a single charge. The right data capture options increase productivity. Value-add Zebra-only software tools take collaboration and productivity to the next level — and accessories simplify everyday use of the tablets. The L10ax — the ultimate Windows rugged tablets designed for the workplace.

The ultimate in rugged versatility

Meet the needs of practically any job with multiple models
The XSlate L10ax is the smallest and lightest model for workers who need a traditional tablet design. Add the optional rugged keyboard to create a laptop alternative for heavy data entry.

Workers can remove the keyboard for easy use while standing or walking, or mount in any vehicle with a companion vehicle dock — from forklifts in a warehouse to delivery and first responder vehicles. For workers who spend their day on their feet, an integrated rigid handle makes the XPad L10ax easy to carry — and includes a built-in barcode scanner for fast and accurate data capture. No matter which model you choose, you get the same great rugged design, advanced CPU platform, common user experience and consistent support for all of your applications.

Customize with mix-and-match accessories
Simplify everyday use for your workers with a choice of desktop, industrial and vehicle docks; a carrying case; a shoulder strap; a kickstand and more. The same enterprise-class accessories family works with every L10ax model, making purchasing and managing accessories easier. And with backwards compatibility with previous L10 Windows tablet accessories, you can cost-effectively upgrade to the latest platform.

Comprehensive ports and data capture options
Do you need to connect to legacy devices? Just add the optional true RS232 serial port. Want to read barcodes to streamline and ensure accurate barcode capture? An enterprise-class scanner is standard on the XPad. Need more security options? Add a Common Access Card (CAC) or Smart Card reader.

The XSlate and XPad L10ax—the ultimate rugged Windows tablets for work.
For more information, visit www.zebra.com/l10

The ultimate in power

Superior processing power for blazing-fast app performance
Intel's 11th generation processors provide a generational leap in application performance, boosting productivity.

Unmatched battery power — and battery management
Get full shift power with the standard battery and maximum run time with the extended battery.[2] Since the battery is removable and hot-swappable, L10ax tablets can stay in service every minute of every shift. With an optional charger, a spare battery is always ready to go. And Zebra's PowerPrecision+ batteries provide critical battery health intelligence that can be viewed right on the tablet, helping ensure that workers have battery power they can count on, every shift, every day.

The ultimate in connectivity

The most advanced wireless connections
The L10ax offers the fastest Wi-Fi, cellular and Bluetooth speeds with support for Wi-Fi 6E[1], optional 5G/4G, plus Bluetooth 5.2. Support for Bluetooth BLE Audio delivers high quality audio with reduced power requirements, extending battery cycle time. Standard NFC is integrated. Workers can always find the best path to the next location with robust GPS. Wi-Fi, cellular and GPS antenna passthroughs deliver consistently superior wireless services for workers in vehicles. Public safety network certification provides first responders with a connection they can count on. And support for the new Citizens Broadband Radio Service (CBRS)[3] enables the deployment of private LTE networks that provide cost-effective wireless connectivity in the largest facilities — indoors and outside.

Seamless push-to-talk communication and secure text messaging
Increase your team's communication and collaboration with Workcloud Communication enterprise-class push-to-talk and text messaging features. Workers can talk to an individual or a team with the press of a button, whether they are inside your facility, out in the field or in a vehicle. And secure text messaging includes visibility into which workers are available to respond, worker location and a complete log of all text messages for all workers.

The ultimate in reliability and usability

A built-to-last rugged design
These waterproof, dustproof and drop-proof tablets are built to handle it all. Drop them on concrete. Get them wet — even if the port covers are open. Use them in extreme heat and subzero cold, inside a truck, car or forklift — or where flammable hazardous materials might be present. L10ax tablets are tested to the latest MIL-STD-810H standard to ensure reliable performance in a variety of harsh environments. The lightweight magnesium frame is stronger than steel and won't twist, so you get durability without adding weight. And the smooth, crevice-free back chassis helps eliminate places where germs can hide — critical in pharmaceutical manufacturing and food processing environments.

A large 10.1 in. display with all the right features
Virtually nothing stops users from entering information on the advanced multi-touch display — including gloves, rain and snow. Users can choose their preferred data entry mode, finger or stylus — passive or active. Corning Gorilla Glass delivers maximum scratch-and-impact resistance to this most vulnerable device component. The ultra-bright 1000 nit View Anywhere® display is easy to see, even in direct sunlight.

The ultimate in productivity with enterprise data capture

Front and rear cameras for double the functionality
Conduct exceptional quality video team calls with the 2 MP front color camera. Capture highly detailed photos and videos with the 13 MP color rear camera — ideal for split-second capture of proof-of-condition/delivery/service, evidence capture, incident documentation and more.

Flawless capture of virtually any barcode in any condition
With the integrated Zebra enterprise-class scan engine (L10ax XPad only), workers can capture even scratched, dirty and poorly printed barcodes as fast as they can press the scan button. And the complimentary 123Scan streamlines scanner setup, making it easy to integrate scanning into any workflow.

The ultimate in manageability

Easy to secure and manage
Both models are built on a common Windows 10 Pro platform with Windows 11 Pro download available, offering multiple security options. Trusted Platform Module (TPM) 2.0 simplifies the selection and implementation of different levels of security for different users. Every model includes the Windows Hello camera for facial recognition. Support for Smart Card, Common Access Card (CAC) and a fingerprint reader control access to the data and applications on L10ax tablets. And a Kensington lock slot protects against theft.

Specifications

Physical Characteristics

Dimensions	XSlate: 11.0 in. L x 7.7 in. W x 0.88 in. D 280.8 mm L x 195.2 W mm x 22 mm D XPad: 11.0 in. L x 10.0 in. W x 0.88 in. D 280.8 mm L x 255.9 W mm x 22 mm D XSlate with keyboard: 11.0 in. L x 8.3 in. W x 2.36 in. D 280.8 mm L x 210.8 W mm x 60 mm D
Weight	XSlate: 2.8 lbs/1.3 kg[4]; XPad: 3.1 lbs/1.4 kg[4] XSlate with keyboard: 4.63 lbs/2.1 kg[4]
Frame	Magnesium alloy internal frame with external elastomer corner bumpers
Display	10.1 in. 2K resolution display WUXGA 1920 x 1200 (16:10) - View Anywhere® nominal 1000 Nit capacitive - View Anywhere nominal 1000 Nit with active Wacom® digitizer Corning® Gorilla® Glass 3 Capacitive 10-point touch Contrast ratio = 800 to 1,000 : 1 Wide viewing angle ±85° Anti-reflective coating User selectable glove and wet touch modes Night vision mode supported on Active View Anywhere Display only
Graphics	Intel® Iris® Xe
Battery and Power	Battery charge time: - Standard battery: 2.75 hours with system off[5] - Extended battery: 3.25 hours with system off[5] Standard bridge battery (1 minute swap time) - Hot swap battery feature comes standard Input Voltage: 12-20V, AC Adapter: 19V
Ports/Connectivity	Docking connector; (2) USB 3.0 ports; USB Type-C port (USB 2.0, USB 3.0, Display Port out); 3.5 mm audio output (stereo out, mono in); RJ-45 Ethernet port; two SIM: (1) Nano SIM (4FF) and (1) eSIM; Micro-SDXC
Expansion Slot	Micro-SDXC
Integrated Options	NFC; 1D/2D barcode reader (XPAD only) Optional pass-through antenna includes five ports for MIMO WWAN, MIMO WLAN and GPS Optional true RS232 serial or CAC/Smart Card reader
Rugged Keyboard	Optional accessory: backlit; IP65; 3.2 ft./1 m drop specification; kick strap/stand
Security	Integrated fingerprint reader (optional) Trusted Platform Module (TPM) 2.0 Optional CAC/Smart Card reader
Status Indicators	System status; battery status; camera active; SSD activity
Audio	Intel High Definition audio; Realtek® HD Codec; RealTek noise cancellation; Multi-directional array microphone — 2 microphones (2 front facing array mic); XPAD: 1 front facing speaker; XSLATE: 1 rear facing speaker

Performance Characteristics

Operating System	Windows® 11 Professional 64-bit
Memory	8 GB (Core i5 only) 16 GB (Core i5, Core i5 vPro and Core i7 vPro only)
Storage Options	128 GB, 256 GB or 512 GB PCIe SSD

Data Capture

Camera	13 MP rear camera; 2 MP Windows Hello front camera
NFC	Standard, integrated
Barcode Scanner	XPAD only: SE4107 1D/2D imager

Wireless Communications

Wi-Fi (WLAN)	Wi-Fi 6/6E[1], 802.11ax R2 including the new 6 GHz band, 2x2 MIMO; 802.11a/b/g/n/ac R2/ax R2, WPA, WPA2, WPA3, WPS, PMF, WMM, WMM-PS, WFD, Wi-Fi Agile Multiband, Wi-Fi Optimized Connectivity, Wi-Fi Location, Wi-Fi TimeSync
Cellular (WWAN)	Available 5G (support for 3GPP Rel 15 including Cat 22 LTE, 3G, and sub 6 GHz NR) data only or Global LTE Category 12 data only
Bluetooth (WPAN)	Bluetooth 5.2 + Audio LE, Class 1
GPS	GPS, GLONASS, BeiDou/Compass, Galileo. Dual band (L1 + L5) with aGPS

Regulatory

Product Safety	UL/CSA 60950-1, 2nd Ed.; UL/CSA 62368-1 2nd Ed.; EN 60950-1, 2nd Ed.; IEC 62368-1, 2nd Ed.; EN 62368-1, 2nd Ed.; AS/NZS 62368.1; NOM-019-SCFI Hazardous Location: C1D2; ANSI/ISA 12.12.01-2013
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; EPEAT registered

Accessories

Vehicle dock; industrial dock; office dock; standard and extended batteries; kickstand with extended battery bracket; single bay battery charger; power adapters; companion keyboard; short and long digitizer and passive pens; combination kickstand and rotating hand strap; soft handle; shoulder strap; carry case; screen protectors; screen cleaning cloth; L10ax is backward compatible with L10 Windows accessories

Warranty

Subject to the terms of Zebra's hardware warranty statement, the L10ax is warranted against defects in workmanship and materials for a period of 3 (three) years from the date of shipment. For complete warranty statement, go to: www.zebra.com/warranty

Markets and Applications

- Warehousing and cold storage
- Manufacturing — Shop floor
- Food processing
- Pharmaceutical manufacturing
- Oil and Gas
- Mining
- Field service
- Construction
- Utilities
- Telecommunications
- Government
- Public Safety
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Performance Characteristics

Processor	11th Generation Intel® Core™ i7 vPro™ processor – i7-1185G7 (LPDDR4x, 2.20 GHz with turbo frequency to 4.20 GHz) 11th Generation Intel® Core™ i5 processor vPro™ – i5-1145G7 (LPDDR4x, 1.80 GHz with turbo frequency to 4.20 GHz) 11th Generation Intel® Core™ i5 processor – i5-1135G7 (DDR4/LPDDR4x, 2.40 GHz with turbo frequency to 4.20 GHz)

User Environment

Operating Temperature	-4° F to 140° F/-20° C to 60° C; MIL-STD-810H
Storage Temperature	-22° F to 158° F/-30° C to 70° C; MIL-STD-810H
Thermal Shock	-22° F to 158° F/-30° C to 70° C within five (5) minutes, non-operating; MIL-STD-810H
Drop Specification	MIL-STD-810H: 6 ft./1.83 m drops to plywood over concrete; 4 ft./1.2 m drops to concrete
Sealing	IP65
Hazardous Environments	C1D2 (Class 1 Division 2) for hazardous locations
Vibration	Minimum integrity non-operating, composite wheel operating; MIL-STD-810H
Shock	40G operating; MIL-STD-810H
Humidity	3% to 95% non-condensing, -22° F to 140° F/-30°C to 60°C, 5 cycles of 48Hr; MIL-STD-810H
Water Proofing	Method 506.5 - Procedure I, wind speed 40 mph, 4 inches per hour, 4 sides; MIL-STD-810H
Blowing Sand	20M/S, rate 1.1g/m3 (+/-.3g) at high temperature of 140° F/60° C; MIL-STD-810H
Blowing Dust	Velocity 8.9M/s dust concentration 3.9 g/m3 at high temperature of 140 °F/60° C; MIL-STD-810H
Fluid Contamination	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; MIL-STD-810H
Altitude	Operating: 50,000 ft./15,240 m; MIL-STD-810H

Recommended Services

Zebra OneCare™ Essential and Select support services; Zebra Visibility Services – VisibilityIQ™ Foresight

Footnotes

1. Windows 11 Pro required for Wi-Fi 6E (6 GHz band). Wi-Fi 6 available with Windows 10. 2. Based on typical user profiles. 3. CBRS is only available in the US; CBRS requires 5G/4G radio. 4. Weight represents approximate system weight measured with a 36WHr battery. Actual system weight may vary depending on configuration, component and manufacturing variability. 5. Approximate charging time. Validated charging from 5% to 90% with system on or system off.Specifications are subject to change without notice.

Mobility and DataCapture DNA

Mobility DNA and DataCapture DNA solutions help you get more value out of your Zebra devices by adding functionality as well as simplifying deployment and management of our mobile devices.Features may vary by model and a Support Contract may be required. To learn what solutions are supported, please visit: www.zebra.com/mobilitydna and www.zebra.com/datacapturedna

123Scan   PowerPrecision+   Workcloud Communication