



Zebra L10 - State-of-the-art technology with many options



For demanding use in industry, transport and maintenance

With IP65 certification, the Zebra L10 is protected against dust and water. It can withstand drops from a height of up to 1.8 metres and meets the MIL-STD-810G standard. The operating temperature range is between -20 °C and 60 °C, which makes it suitable for use in various environments.



Extensive connectivity: WLAN, Bluetooth, mobile radio, USB and RS232

Enables seamless integration into various IT infrastructures and ensures stable data transmission.



Numerous hardware options for customised configuration

There are several processors to choose from, Intel i7, i5 and N4200, the working memory can vary between 4 GB and 16 GB RAM, while the internal memory ranges from 64 GB to 1 TB SSD.



10.1-inch display with 2K resolution, optionally with particularly high luminosity

The shatterproof display with 2K resolution (1920 x 1200 pixels) shows even the smallest details in sharp focus and high contrast. A particularly strong luminosity is available as an option, making it easier to work in direct sunlight. The touch display can be reliably operated with gloves or wet hands.



Extensive accessories, such as rechargeable battery with 27 hours runtime

A wide range of accessories is available for specific requirements, such as a rechargeable battery with up to 27 hours of runtime, stationary and vehicle docking stations and keyboards. Data capture options such as NFC, RFID and barcode scanners can also be integrated.

Features

Display: 10.1 inch, 1920 x 1200 px

Operating system: Windows 10

CPU: Intel i7 / i5 / N4200

Memory: 4 - 16 GB RAM, 64 GB - 1 TB SSD

Battery: up to 27 h, hot swappable

Network connections: WLAN, Bluetooth, mobile radio, USB, RS232

Additional features: Cameras, GPS

Protection: IP65, drop-proof up to 1.8 m, MIL-STD-810G

Operating temperature: -20 - 60 °C

Dimensions (W x L x H): 280 x 195 x 22 mm

Weight: 1.2 kg

Optional accessories

Data capture: NFC, RFID, barcode scanner

Keyboards

Stationary / vehicle docking stations

High Capacity Batteries

Stand

Power connections

Stylus pens

Antennas

Hand straps, shoulder straps

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 XBOOK: 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 ² XPAD: 3.1 lbs/1.4 kg ² XBOOK: 4.63 lbs/2.1 kg ²
Frame	Magnesium alloy internal frame with external elastomer corner bumpers
Display	10.1 in. 2K resolution display WUXGA 1920 x 1200 (16:10) - Standard 500 Nit capacitive - View Anywhere® 1000 Nit capacitive - View Anywhere 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 on Active View Anywhere Display only
Graphics	N4200 CPU - Intel® UHD Graphics 505 Core i5 & i7 CPUs - Intel® UHD Graphics 620
Battery Life & Power	Standard battery: up to 10 hours ³ Extended battery: up to 27 hours ³ Battery charge time ¹ - Standard battery: 2.75 hours with system off ⁴ - Extended battery: 3.25 hours with system off ⁴ 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 Dual Nano SIM (4FF) Micro-SDXC
Expansion Slot	Micro-SDXC
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)
Rugged Keyboard	Included with XBOOK: backlit; IP65; 3.2 ft./1 m drop specification; kick strap/stand (rugged keyboard is optional for the XSLATE and XPAD)
Security	Integrated fingerprint reader 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/XBOOK: 1 rear facing speaker

Performance Characteristics

Operating System	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	4 GB (Pentium N4200 only) 8 GB (Pentium N4200 & Core i5 8250U only) 16 GB (Core i5 vPro 8350U & Core i7 vPro 8650U only)
Storage Options	N4200 CPU: Core i5 & i7 CPUs: 64 GB SATA SSD 128 GB PCIe 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
User Environment	
Operating Temperature	-4° F to 140° F/-20° C to 60° C; MIL-STD-810G
Storage Temperature	-22° F to 158° F/-30° C to 70° C; MIL-STD-810G
Thermal Shock	-22° F to 158° F/-30° C to 70° C within five (5) minutes, non-operating; MIL-STD-810G
Drop Specification	MIL-STD-810G: 6 ft./1.83 m drops to plywood over concrete 4 ft. drops to concrete
Sealing	IP65
Hazardous Environments	C1D2 (Class 1 Division 2) for hazardous locations ¹
Vibration	Minimum integrity non-operating, composite wheel operating; MIL-STD-810G
Shock	40G operating; MIL-STD-810G
Humidity	3% to 95% non-condensing, -22° F to 140° F/-30° C to 60° C, 5 cycles of 48Hr; MIL-STD-810G
Water Proofing	Method 506.5 - Procedure I, wind speed 40 mph, 4 inches per hour, 4 sides; MIL-STD-810G
Blowing Sand	20M/S, rate 1.1g/m3 (+/-3g) at high temperature of 140° F/60° C; MIL-STD-810G
Blowing Dust	Velocity 8.9M/s dust concentration 3.9 g/m3 at high temperature of 140° F/60° C; MIL-STD-810G
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-810G
Altitude	Operating: 50,000 ft./15,240 m; MIL-STD-810G
Data Capture	
Camera	13 MP rear camera; 2 MP front camera
NFC	Optional
RFID	Optional UHF RFID Reader (AEI)
Barcode Scanner	Optional on XPAD only: SE4710 1D/2D imager ⁵

Wireless WAN/GPS Data (Cellular)

Radio Frequency Bands	Optional internal wireless (one expansion slot) with choice of: - Sierra Wireless EM7565, 4G LTE with GNSS (GPS + GLONASS + Galileo + Beidou) - Sierra Wireless EM7511, LTE-Advanced with GNSS receiver (GPS + GLONASS, BeiDou, and Galileo) - 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 AT&T FirstNet Ready certification Verizon PNTM certification CBRS Capable (Band 48) - EM7511 Configurations
FirstNet Ready Models	Sierra Wireless EM7511: LTE-Advanced with GNSS receiver (GPS, GLONASS, BeiDou, and Galileo satellite systems supported)

Wireless LAN (WiFi)

Radio	Intel® Dual Band Wireless-AC 8265 Wi-Fi® plus Optional Pass-Through antenna includes 5 ports for MIMO WWAN, MIMO WLAN and GPS
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Wireless PAN (Bluetooth)

Bluetooth	Class 1, Bluetooth® 4.2 (EDR + BLE)
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