Zebra ET60W / ET65W

Zebra ET60W/ET65W: AI-powered Windows tablets for maximum productivity

✓ **Modern Windows 11 with Intel Core Ultra platform**
AI module enables up to 70% faster execution of applications and supports demanding AI processing requirements.

✓ **Robust design with protection against drops, dust and extreme temperatures**
Enables use in demanding environments such as warehouses, production facilities and in the field.

✓ **Future-proof connectivity with Wi-Fi 7 and 5G**
In buildings, Wi-Fi 7 offers up to five times faster speeds than Wi-Fi 6 as well as twice the bandwidth and multiband communication.

✓ **AI-supported 10-inch touchscreen automatically recognises different input methods**
Whether fingers, gloves or pens - instant customisation for maximum accuracy and fast response times.

✓ **Versatile application possibilities: Keyboards, vehicle docks and barcode scanners**
Can be used flexibly as a laptop replacement or forklift terminal. With the optional 1D/2D scan module, barcodes can be scanned quickly at various distances.

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Features

Display: 10,1 Zoll, 1920 x 1200 px, 1000 Nits, Multitouch

Operating system: Windows 11 Professional or IoT Enterprise

Processor: Intel® Core™ Ultra platform with dedicated AI module

Memory: 8-32 GB RAM, 128 GB-2 TB SSD

Battery: 36Wh, optional 72Wh, hot-swappable

Network connections: Wi-Fi 7, 5G (ET65W only), Bluetooth 5.2, NFC

Connections: USB 3.1 type A, 2 x USB 3.1 type C

Additional features: 2 cameras (13 MP, 5 MP), localisation, fingerprint sensor, various sensors, NFC

Protection: IP66, drop-proof up to 1.5 m, exceeds MIL-STD-810H

Operating temperature: -29 °C to 63 °C

Dimensions (W x L x H): 275 x 199 x 18 mm

Weight: 1.2 kg

Optional accessories

2-in-1 keyboard

Barcode scanner module

Vehicle docking stations and brackets

Vehicle power supply

Keyboards

Batteries

Stylus pens

Hand straps

Carrying straps

Physical Characteristics

Dimensions	10.8 in. W x 7.8 in. L x 0.7 in. H (275 mm W x 199 mm L x 18.3 mm H)
Weight	2.6 lbs (1,200g)
Display	10.1 in. WUXGA (1920 x 1200)—1,000 nits; optically bonded to touchpanel
Touchpanel	Capacitive multi-touch, Corning® Gorilla® Glass, AI Powered Touch Control for automatic optimization and precise interaction with included passive stylus, MPP 2.0 Active Pen Compatible
Connectivity	Docking connector (charge and data); keyboard connector; one USB 3.1 Type A port; two Thunderbolt™ 4/USB4 Type C ports
Interface Ports and Expansion	Docking connector (charge and data); Keyboard connector; 1 x USB 2.0 (back I/O—host only)
Notifications	Audible tone; 1 multi-color LED
Audio	Stereo speakers and two microphones; audio headset supported through USB port or Bluetooth; speaker/microphone support
Buttons	Power; Scan; Up/Down (programmable); three programmable keys
External Scanner Support	HID via USB and Bluetooth®; scanner configuration with Zebra 123Scan, Zebra Scanner SDK

Performance Characteristics

CPU	Intel® Core™ Ultra 5 125U Intel® Core™ Ultra 5 135U (vPro®) Intel® Core™ Ultra 7 155U Intel® Core™ Ultra 7 165U (vPro®)
Operating System	Windows® 11 Professional 64 bit, Windows® 11 IoT Enterprise LTSC
Memory	8, 16, 32 GB LPDDR5 RAM
Storage	128 GB, 256 GB, 512 GB, 1 TB, 2 TB tool-less user removable M.2 2230 PCIe NVMe SSD 256 GB, 512 GB tool-less user removable M.2 2230 Opal SED SSD

User Environment

Operating Temp.	-20F to +145F (-29C to +63C)[3]
Storage Temp.	-40F to +158F (-40C to +70C)
Humidity	5% to 95% non-condensing
Drop Specifications	Exceeds MIL-STD-810H 5 ft. (1.5m) to concrete Meets MIL-STD-810H 6 ft. (1.8m) to plywood over concrete
Sealing	IP66 per IEC 60529
Shock/Vibration	MIL-STD-810H Method 514.8 and 516.8
Thermal Shock	MIL-STD-810H: 40F to +158F (-40C to +70C)
Electromagnetic Compatibility	MIL-STD-461G, MIL-STD-464D (HERO Certification), EN 55032, EN 55024
Electrostatic Discharge	IEC61000-4-2, ± 15 kV air discharge; ± 8 kV contact; ± 8 kV indirect
Salt Fog	MIL-STD-810H, 48h of 5% solution at +95F (+35C)

Solar Radiation	EN/IEC 60068-2-5 solar radiation spectral energy distribution; 1120 W/m² at display surface; Environmental temperature: +104F (+40C); irradiation duration: 24 hours
Impact	IEC EN 60079-15, Ball drop; 5 Joules on touch screen
Hazardous Location Certification	Class 1 Division 2 (select configurations)[2]
Vehicle Certifications	E-Mark Europe 12V system ECE Regulation No. 10 Rev. 6 (Tablet with keyboard in docking station)

Power

Charging	45W USB Power Delivery 3.0 through either USB-C port, or optional dock
Battery	Standard capacity: 36Wh Extended capacity: 72Wh
True Hot Swap	Minimum 60 seconds over the full operating temperature range with internal super capacitor
Battery Charge Time	Standard battery: 2.5 hrs from 0% to 100% with 45W power supply Extended battery: 5 hrs from 0% to 100% with 45W power supply

Sensors

Ambient Light Sensor	Automatically adjusts display brightness
Magnetometer	eCompass
Motion Sensor	3-axis gyroscope; 3-axis accelerometer
Fingerprint Sensor	Windows® Hello fingerprint reader

Data Capture

Optional Integrated Scanner	SE55 1D/2D Advanced Range Scan Engine with IntelliFocus™ technology
Rear Camera	13 MP autofocus; flash LED generates balanced white light
Front Camera	5 MP RGB with mechanical privacy shade Infrared camera for Windows® Hello support

Wireless LAN

Radio	IEEE 802.11-2020 and select amendments (selected feature coverage) IEEE 802.11a, b, d, e, g, h, i, k, n, r, u, v, w, ac, ax, be; Fine Timing Measurement based on 802.11-2016, 802.11az HW readiness
Data Rates	Up to 5.8 Gbps; 2x2 MU-MIMO; 320 MHz channels; 4096-QAM; 6 GHz, 5 GHz, and 2.4 GHz bands
Operating Channels	**2.4 GHz:** Channel 1-13; Bandwidth: 20/40 MHz **5.0 GHz:** Channel 36-165; Bandwidth: 20/40/80 MHz **6.0 GHz:** Channel 1-221; Bandwidth 20/40/80/160/320 MHz
Security and Encryption	WPA3 personal and enterprise including WPA2 transition mode; 802.1X EAP-TLS, EAP-TTLS/MSCHAPv2, PEAPv0 -MSCHAPv2 (EAP-SIM, EAP-AKA, EAP-AKA'), 128-bit AES-CCMP, 256-bit AES-GCMP
Fast Roam	802.11r Fast Transition, 802.11k
Certifications	Wi-Fi 7 Technology support, Wi-Fi CERTIFIED™ 6 with Wi-Fi 6E, Wi-Fi CERTIFIED a/b/g/n/ac, WMM, WMM-Power Save, WPA3, PMF, Wi-Fi Direct, Wi-Fi Agile Multiband, Wi-Fi Location R2 HW readiness

Wireless WAN (ET65W only)	
SIM Slots	1 x eSIM; 1 x Nano SIM
Frequency Bands	**5G NR:** n1/2/3/5/7/8/12/13/14/18/20/25/26/28/29/30/38/40/41/48/66/70/71/75/76/77/78/79 **LTE-FDD:** B1/2/3/4/5/7/8/12/13/14/17/18/19/20/25/26/28/29/30/32/66/71 **LTE-TDD:** B34/38/39/40/41/42/43/48 **LTE LAA:** B46 **UMTS WDCMA:** B1/2/4/5/8/19
LTE/5G Private Networking	Supported
GNSS	GPS, GLONASS, BDS (BeiDou), Galileo, QZSS

Wireless PAN	
Bluetooth	Bluetooth® 5.4 (Class 1), Bluetooth® Low Energy (BLE)
NFC	Reader/Writer: ISO 14443 –A-B, MIFARE, FeliCa®, ISO 15693, NFC Forum Tag Types 1 to 4

Security Features

Discrete TPM v2.0; NIST BIOS compliant; FIPS 140-2 Validated; Common Criteria certified; Windows® Hello front facing camera; Windows® Hello fingerprint reader (optional); contactless NFC Smart Card reader; insertable Common Access Card (CAC) Smart Card reader (optional); Absolute Persistence® technology embedded in BIOS*; Kensington cable lock slots available on the tablet only or the tablet with the keyboard attached.
*Requires software and activation