



## Zebra ET60W/ET65W: KI-gestützte Windows-Tablets für höchste Produktivität

-  **Modernes Windows 11 mit Intel Core Ultra-Plattform**  
KI-Modul ermöglicht bis zu 70 % schnellere Ausführung von Anwendungen und unterstützt anspruchsvolle KI-Verarbeitungsanforderungen.
-  **Robustes Design mit Schutz vor Stürzen, Staub und extremen Temperaturen**  
Ermöglicht den Einsatz in anspruchsvollen Umgebungen wie Lagern, Fertigungsanlagen und im Außendienst.
-  **Zukunftssichere Konnektivität mit Wi-Fi 7 und 5G**  
In Gebäuden bietet Wi-Fi 7 bis zu fünfmal höhere Geschwindigkeiten als Wi-Fi 6 sowie die doppelte Bandbreite und Multiband-Kommunikation.
-  **KI-gestützter 10 Zoll Touchscreen erkennt automatisch verschiedene Eingabemethoden**  
Ob Finger, Handschuhe oder Stifte – sofortige Anpassung für höchste Genauigkeit und schnelle Reaktionszeiten an.
-  **Vielseitige Einsatzmöglichkeiten: Tastaturen, Fahrzeug-Docks und Barcode-Scanner**  
Flexibel als Laptop-Ersatz oder Staplerterminal nutzbar. Mit dem optionalen 1D/2D-Scanmodul können Barcodes in verschiedenen Entfernungen schnell erfasst werden.

## Eigenschaften

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

**Betriebssystem:** Windows 11 Professional oder IoT Enterprise

**Prozessor:** Intel® Core™ Ultra-Plattform mit dediziertem KI-Modul

**Speicher:** 8-32 GB RAM, 128 GB-2 TB SSD

**Akku:** 36Wh, optional 72Wh, Hot-Swap-fähig

**Netzwerkverbindungen:** Wi-Fi 7, 5G (nur ET65W), Bluetooth 5.2, NFC

**Anschlüsse:** USB 3.1 Typ A, 2 x USB 3.1 Typ C

**Zusätzliche Features:** 2 Kameras (13 MP, 5 MP), Lokalisierung, Fingerabdrucksensor, div. Sensoren, NFC

**Schutz:** IP66, bis 1,5 m sturzsicher, übertrifft MIL-STD-810H

**Betriebstemperatur:** -29 °C bis 63 °C

**Abmessungen (B x L x H):** 275 x 199 x 18 mm

**Gewicht:** 1,2 kg

## Optionales Zubehör

2-in-1-Tastatur

Barcode-Scanner-Modul

Fahrzeug-Dockingstations und Halterungen

Fahrzeug-Stromversorgung

Tastaturen

Akkus

Stylus-Eingabestifte

Handschlaufen

Tragegurte

Physical Characteristics	
<b>Dimensions</b>	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)
<b>Weight</b>	2.6 lbs (1,200g)
<b>Display</b>	10.1 in. WUXGA (1920 x 1200)—1,000 nits; optically bonded to touchpanel
<b>Touchpanel</b>	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
<b>Connectivity</b>	Docking connector (charge and data); keyboard connector; one USB 3.1 Type A port; two Thunderbolt™ 4/USB4 Type C ports
<b>Interface Ports and Expansion</b>	Docking connector (charge and data); Keyboard connector; 1 x USB 2.0 (back I/O—host only)
<b>Notifications</b>	Audible tone; 1 multi-color LED
<b>Audio</b>	Stereo speakers and two microphones; audio headset supported through USB port or Bluetooth; speaker/microphone support
<b>Buttons</b>	Power; Scan; Up/Down (programmable); three programmable keys
<b>External Scanner Support</b>	HID via USB and Bluetooth®; scanner configuration with Zebra 123Scan, Zebra Scanner SDK
Performance Characteristics	
<b>CPU</b>	Intel® Core™ Ultra 5 125U Intel® Core™ Ultra 5 135U (vPro®) Intel® Core™ Ultra 7 155U Intel® Core™ Ultra 7 165U (vPro®)
<b>Operating System</b>	Windows® 11 Professional 64 bit, Windows® 11 IoT Enterprise LTSC
<b>Memory</b>	8, 16, 32 GB LPDDR5 RAM
<b>Storage</b>	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	
<b>Operating Temp.</b>	-20F to +145F (-29C to +63C) <sup>3</sup>
<b>Storage Temp.</b>	-40F to +158F (-40C to +70C)
<b>Humidity</b>	5% to 95% non-condensing
<b>Drop Specifications</b>	Exceeds MIL-STD-810H 5 ft. (1.5m) to concrete Meets MIL-STD-810H 6 ft. (1.8m) to plywood over concrete
<b>Sealing</b>	IP66 per IEC 60529
<b>Shock/Vibration</b>	MIL-STD-810H Method 514.8 and 516.8
<b>Thermal Shock</b>	MIL-STD-810H: 40F to +158F (-40C to +70C)
<b>Electromagnetic Compatibility</b>	MIL-STD-461G, MIL-STD-464D (HERO Certification), EN 55032, EN 55024
<b>Electrostatic Discharge</b>	IEC61000-4-2, ± 15 kV air discharge; ± 8 kV contact; ± 8 kV indirect
<b>Salt Fog</b>	MIL-STD-810H, 48h of 5% solution at +95F (+35C)

<b>Solar Radiation</b>	EN/IEC 60068-2-5 solar radiation spectral energy distribution; 1120 W/m <sup>2</sup> at display surface; Environmental temperature: +104F (+40C); irradiation duration: 24 hours
<b>Impact</b>	IEC EN 60079-15, Ball drop; 5 Joules on touch screen
<b>Hazardous Location Certification</b>	Class 1 Division 2 (select configurations) <sup>2</sup>
<b>Vehicle Certifications</b>	E-Mark Europe 12V system ECE Regulation No. 10 Rev. 6 (Tablet with keyboard in docking station)
Power	
<b>Charging</b>	45W USB Power Delivery 3.0 through either USB-C port, or optional dock
<b>Battery</b>	Standard capacity: 36Wh Extended capacity: 72Wh
<b>True Hot Swap</b>	Minimum 60 seconds over the full operating temperature range with internal super capacitor
<b>Battery Charge Time</b>	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	
<b>Ambient Light Sensor</b>	Automatically adjusts display brightness
<b>Magnetometer</b>	eCompass
<b>Motion Sensor</b>	3-axis gyroscope; 3-axis accelerometer
<b>Fingerprint Sensor</b>	Windows® Hello fingerprint reader
Data Capture	
<b>Optional Integrated Scanner</b>	SE55 1D/2D Advanced Range Scan Engine with IntelliFocus™ technology
<b>Rear Camera</b>	13 MP autofocus; flash LED generates balanced white light
<b>Front Camera</b>	5 MP RGB with mechanical privacy shade Infrared camera for Windows® Hello support
Wireless LAN	
<b>Radio</b>	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
<b>Data Rates</b>	Up to 5.8 Gbps; 2x2 MU-MIMO; 320 MHz channels; 4096-QAM; 6 GHz, 5 GHz, and 2.4 GHz bands
<b>Operating Channels</b>	<b>2.4 GHz:</b> Channel 1-13; Bandwidth: 20/40 MHz <b>5.0 GHz:</b> Channel 36-165; Bandwidth: 20/40/80 MHz <b>6.0 GHz:</b> Channel 1-221; Bandwidth 20/40/80/160/320 MHz
<b>Security and Encryption</b>	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
<b>Fast Roam</b>	802.11r Fast Transition, 802.11k
<b>Certifications</b>	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

<b>Wireless WAN (ET65W only)</b>	
<b>SIM Slots</b>	1 x eSIM; 1 x Nano SIM
<b>Frequency Bands</b>	<b>5G NR:</b> 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 <b>LTE-FDD:</b> B1/2/3/4/5/7/8/12/13/14/17/18/19/20/25/26/28/29/30/32/66/71 <b>LTE-TDD:</b> B34/38/39/40/41/42/43/48 <b>LTE LAA:</b> B46 <b>UMTS WDCMA:</b> B1/2/4/5/8/19
<b>LTE/5G Private Networking</b>	Supported
<b>GNSS</b>	GPS, GLONASS, BDS (BeiDou), Galileo, QZSS
<b>Wireless PAN</b>	
<b>Bluetooth</b>	Bluetooth® 5.4 (Class 1), Bluetooth® Low Energy (BLE)
<b>NFC</b>	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