



Zebra ET401 – Slim industrial tablet for logistics, retail and service

-  **Rugged design with IP68 protection, Gorilla Glass 5 and extended temperature range**
Dustproof, waterproof, drop-proof and designed for temperatures ranging from -20 to +50 °C – ideal for warehouses, transshipment points or production facilities, even in rainy or cold conditions.
-  **8- or 10-inch displays with AI-optimised touch input**
In addition, AI-based audio analysis improves the recognition of voice commands even in noisy work areas.
-  **Next-gen processor for high performance and AI functions**
The Qualcomm Dragonwing Q-6690 offers AI optimisation and over 42% more performance compared to previous models.
-  **Modern wireless technologies with Wi-Fi 7, 5G and Bluetooth 6**
Wi-Fi 7, optional 5G and Bluetooth 6 ensure stable connections, fast data synchronisation and reliable connectivity for scanners, headsets and printers.
-  **Flexible data capture with integrated scanner, RFID and powerful cameras**
Thanks to extensive configuration options and a wide range of accessories, the ET401 can be precisely adapted to different workflows and areas of application.

Features

Display: 8 or 10.1 inches, WUXGA (1920 × 1200), 600 nits, optically bonded, Gorilla Glass 5, multi-touch

Operating system: Android

Processor: Qualcomm Dragonwing Q-6690, up to 2.0 GHz

Memory: 6 GB RAM / 64 GB flash or 8 GB RAM / 128 GB flash, expandable via microSD up to 2 TB

Connectivity: Wi-Fi 7, optional 5G and LTE, 6.0, Bluetooth BLE, BLE audio, NFC, USB C

Battery: 6100 / 7600 mAh, optional hot-swappable additional battery, battery-free operation possible via external power supply

Cameras: 16 MP rear camera, 8 MP front camera, optional 13 MP ultra-wide-angle camera

Audio: stereo speakers, two microphones, AI-based noise cancellation, USB-C or Bluetooth headset support

Additional features: GPS, various sensors

Protection: IP68, drop from 1.2 m onto concrete (up to 1.5 m with protective cover)

Operating temperature: -20 °C to +50 °C

Dimensions (W × L × H): 212 x 134 x 11 / 256 x 162 x 11 mm

Weight: 480 / 680 g

Optional accessories

Barcode scanner (integrated)

UHF RFID reader (integrated)

Docking stations

Workstation docks

1- and 4-slot charging stations

4-slot battery charging station

VESA adapter

Batteries with increased capacity

Protective cover

Hand and shoulder straps

Stand

Stylus

Payment solutions

Headsets

Physical Characteristics	
Dimensions	8 inch: L x H x D: 8.37 x 5.29 x 0.45 inches (212.7 x 134.4 x 11.4 mm) 10 inch: L x H x D: 10.08 x 6.40 x 0.45 inches (256.1 x 162.7 x 11.4 mm)
Weight	8 inch: 1.05 lbs. (480 g) 10 inch: 1.49 lbs. (680 g)
Display	8 inches (20.3 cm) and 10.1 inches (25.7 cm) WUXGA 1920x1200; 600 nits; optically bonded to touch panel
Touch Panel	Multi mode capacitive touch with bare or gloved fingertip input or conductive stylus (sold separately); water droplet rejection; fingerprint resistant coating; Corning® Gorilla® Glass 5
Power	Charging: Through USB-C (USB PD compatible) bottom pogo and selected back accessory charging options Battery: Rechargeable Li-Ion Polymer; user replaceable; 8 inch: 6100 mAh 3.91 V (23.46 Wh); 10 inch: 7600 mAh 3.91 V (29.71 Wh); Optional hot swappable 3400 mAh 7.6 V (25.84 Wh) secondary battery, for use with expansion back accessory; Battery-free operation: draw power from external power source via USB-C or bottom/back IO
SIM	Dual SIM (Single Nano SIM and eSIM)
Notifications	Audible tone; multi-color LEDs; vibration
Keyboard Options	Virtual; Bluetooth; USB
Audio	Stereo speakers; two microphones; audio headset support via USB-C port or Bluetooth wireless headset; BLE compatible; VoIP including PTT support; Qualcomm Fluence AI noise suppression
Buttons	Volume up/down; power on/off; scan; programmable buttons
Interface Ports	USB Type C (USB 3.1); Bottom and back IO (USB 2.0)
Performance Characteristics	
CPU	Qualcomm Dragonwing™ Q-6690 Processor, up to 2.0 GHz
Operating System	Android; for supported Android versions, visit: www.zebra.com/android-versions
Memory	6 GB LPDDR5 RAM / 64 GB UFS 2.2 Flash; Optional 8 GB LPDDR5 RAM / 128 GB UFS 3.1 Flash; MicroSD card slot supports up to 2TB

User Environment	
Operating Temperature	-4°F to +122°F (-20°C to +50°C)
Storage Temperature	-40°F to +158°F (-40°C to +70°C)
Humidity	5%-95% non-condensing
Drop Specifications	4 ft. (1.2 m) multiple drops to concrete, 5.1 ft. (1.5 m) multiple drops to concrete with optional rugged frame per MIL-STD-810H
Sealing	IP68
Thermal Shock	-40°F to +158°F (-40°C to +70°C)
Vibration	Sine: 4g's peak, 5Hz to 2kHz Random: 6 g RMS (20 Hz to 2 kHz)
Electrostatic Discharge (ESD)	+/- 15 kV air discharge; +/- 8 kV contact; +/- 8 kV indirect
Interactive Sensor Technology (IST)	
Motion sensor: 3-axis gyroscope; 3-axis accelerometer Light sensor: Automatically adjusts display brightness Magnetometer: eCompass automatically detects direction and orientation	
Data Capture	
Scanning	Rear camera scanning. Optional SR500 or SE4100 1D/2D Scan Engine
Rear Camera	16 MP; Phase Detection Autofocus
Front Camera	8 MP
Ultra-Wide Rear Camera	13 MP (optional)
NFC	NFC ISO 14443 Type A and B; Mifare, FeliCa and ISO 15693 cards, NFC Forum tags 2,3,4,5; Host Card Emulation, Contactless Payment Support, VAS (Value Added Services) and Wallet support, Apple ECP1.0 and ECP2.0, Apple VAS and Google Smart Tap certified, VAS Library/SDK
Integrated RFID	Optional: Short range integrated UHF RFID; 4 ft. (1.2 m) range; reads > 90 tags per second; EPC Class 1 Gen2; EPC Gen 2 V2; EU 865-868 MHz and US 902-928 MHz
Wireless PAN	
Bluetooth	Class 1, Bluetooth v6.0; Classic Bluetooth(BR/EDR) and Bluetooth LE; BLE Audio; BLE beaconing; Bluetooth Channel Sounding

Wireless LAN	
WLAN Radio	IEEE 802.11 be/az ⁶ /mc ⁸ /ax/ac/n/a/g/b/d/h/i/r/k/u ⁹ /v ⁹ /w; Tri-band (2.4 GHz, 5 GHz, 6 GHz ⁷), 2x2 MU-MIMO; Wi-Fi CERTIFIED 7™; MLO (Simultaneous Transmit and Receive MLMR) in Tri-band and Dual-band modes: 2.4+5+6, 5+5+6, 5+6, 5+5, 2.4+5, 2.4+6; Dual Band Simultaneous, High Band Simultaneous (HBS); IPv4, IPv6; Wi-Fi Aware
Data Rates	2.4 GHz: 802.11b/g/n/ax/be—20 MHz—up to 344 Mbps; 5 GHz: 802.11a/n/ac/ax/be—20 MHz, 40 MHz, 80 MHz, 160 MHz—up to 2882 Mbps; 6 GHz: 802.11ax/be—20 MHz, 40 MHz, 80 MHz, 160MHz, 320MHz—up to 5764 Mbps ⁷
Security and Encryption	WPA3 Enterprise 192-bit mode, GCMP-256—EAP-TLS; WPA3 Enterprise, AES-CCMP-128, GCMP-256—EAP-TTLS (PAP, MSCHAP, MSCHAPv2), EAP-TLS, PEAPv0-MSCHAPv2, PEAPv1-EAP-GTC, EAP-PWD; WPA3 Personal (SAE, SAE-EXT), AES-CCMP-128, GCMP-256; WPA/WPA2 Enterprise, TKIP and AES-CCMP-128; WPA/WPA2 Personal (PSK), TKIP and AES-CCMP-128; Enhanced Open (OWE), AES-CCMP-128, GCMP-256; WEP 40 bit and 104 bit; WAN device only: EAP-SIM, EAP-AKA, EAP-AKA Prime
Operating Channels	Channel 1-13 (2401-2483 MHz): 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13; Channel 36-165 (5150-5850 MHz): 36, 40, 44, 48, 52, 56, 60, 64, 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140, 144, 149, 153, 157, 161, 165; Channel 1-233 (5925-7125 MHz)⁷: Channel Bandwidth: 20, 40, 80, 160, 320 MHz ⁷ ; Actual operating channels/frequencies and bandwidths depend on regulatory rules and certification agency
Certifications	Wi-Fi Alliance Certifications: Wi-Fi CERTIFIED 7/6/6E/ac/n; WPA2-Personal/Enterprise; WPA3- Personal/Enterprise (includes 192-bit mode); Protected Management Frames; Wi-Fi Enhanced Open; WMM (Wi-Fi Multimedia) ⁷ ; WMM-Power Save ⁷ ; WMM-Admission Control ⁷ ; Voice-Enterprise ⁷ ; Wi-Fi Direct ⁷ ; Wi-Fi Agile Multiband; Wi-Fi QoS Management ⁷ ; Wi-Fi Optimized Connectivity ⁷ ; Passpoint ⁷
Fast Roam	802.11r Fast BSS Transition; PMK Caching; Cisco CCKM ⁸ ; OKC

Wireless WAN	
Radio Frequency Band	Bands¹⁰: 5G FR1: n1/2/3/5/7/8/12/13/14/20/25/26/28/29/30/38/40/41/48/53/66/70/71/75/76/77/78/79 ; 4G: B1/2/3/4/5/7/8/12/13/14/17/18/19/20/25/26/28/29/30/32/34/38/39/40/41/42/43/48/53/66/68/70/71/ 106; 3G: B1/2/4/5/6/8/19; 2G ¹¹ : 850/900/1800/1900; Rel-17⁶ , Dual SIM/Dual Standby, Gigabit LTE-A, 5G NR Sub-6 (NSA, SA), LTE/NR Carrier Aggregation (CA), LTE CA—Up to 3DLCA, 2ULCA, NR CA: Up to 3DL, 2UL; 4x4 DL MIMO¹⁰: 5G FR1: n1/2/3/7/25/30/38/40/41/48/66/70/77/78/79; 4G LTE: 1/2/3/4/7/25/30/38/40/41/42/43/48/66/70; Private Cellular: B48/53/106/68 and more
GPS	GPS; GLONASS; a-GLONASS; Galileo; Beidou; QZSS; Dual-Band GNSS—concurrent L1/G1/E1/B1; (GPS/QZSS, GLO, GAL, BeiDou) + L5/E5a/BDSB2a (GPS/QZSS, GAL, BeiDou); a-GPS; supports XTRA
Wi-Fi Multimedia	Enhanced Open (OWE), AES-CCMP-128, GCMP-256; WMM/WMM-PS/WMM TSPEC ⁸

Zebra DNA

The Zebra DNA software suite makes your devices powerful and easier to manage, with tools enabling top performance, simple setup, and robust security. DNA for mobile computers is available for Android only; features may vary by model and a Support Contract may be required. For details, visit www.zebra.com/zebradna

Environmental Compliance

RoHS Directive 2011/65/EU; Amendment 2015/863; REACH SVHC 1907/2006. For a complete list of product and materials compliance, please visit: www.zebra.com/environment

Warranty

Subject to the terms of Zebra's hardware warranty statement, the ET401 is warranted against defects in workmanship and materials for a period of 1 (one) year from the date of shipment. For the complete warranty statement, please visit: www.zebra.com/warranty

Recommended Services

Zebra OneCare™ Essential and Select; Zebra Visibility Services—VisibilityIQ™ Foresight; Professional Services Gold Build