ET401 Enterprise Tablets

Sleek. Rugged. Reliable.

Introducing the 8-inch and 10-inch ET401 Enterprise Tablets, the next generation of Zebra's best selling ET40 and ET45 Enterprise Tablets. These tablets combine sleek, lightweight ergonomics with rugged reliability and today's most advanced mobile technologies. They're smarter, AI-empowered tablets with improved touchscreen technology that makes them even more intuitive and easier to use. They're faster, with all the latest wireless technologies. They're more rugged, with a longer lifecycle. They're more powerful, with a stronger processor to support cloud-based AI applications. They're more secure, with new options that provide additional protection. And with enhanced data capture options, including RFID[1], these tablets are even more versatile, ready to streamline a wider range of tasks across various workflows. The ET401 Enterprise Tablets—the sleek design your workers expect, with the power and rugged reliability your enterprise needs.



More rugged, with a 25% longer lifecycle

More robust dust and water protection
With the enhanced IP68 sealing rating, your ET401 tablets are completely protected against dust and submersion in water. Use them in the rain, accidentally drop them in a puddle, and even spray with a hose to clean them, no problem.

Designed for extreme temperature swings
Rapid temperature changes can be tough on a tablet's sensitive electronics. But with thermal shock testing and a wide operating temperature range, the ET401 tablets can easily go from subzero cold to sweltering heat—and back.

Advanced display protection
The display is one of the most crucial and vulnerable features. Gorilla Glass 5 offers advanced scratch-and-shatter protection. Water droplet rejection and a fingerprint resistant coating keep the display clear and easy to read, without constant cleaning.

Unsurpassed eight year life expectancy
The ET401 tablets are built from the ground up to last for years. Unlike many devices, they're available for sale for four years from initial release, eliminating the cost and complexity of mixed model deployments. And with service extended for an additional four years, you get up to eight total years of service and support.

Smarter, with built-in AI intelligence

An advanced processor with next generation mobile technologies
The Qualcomm® Dragonwing™ Q-6690 processor enables embedded AI-enhanced features and supports modern, cloud-based AI applications, the fastest wireless connections, on chip RFID[1] and more. Three generations newer than the SM6375 in the ET40/ET45, this processor offers frontline workers a 42%+ performance boost[2].

Cutting-edge touchscreen technology for easy data entry
The AI-enabled touchscreen and advanced sensing technology redefine touch accuracy, flexibility and response time. Experience seamless data entry with a bare or gloved finger, or a conductive stylus—without needing to choose or change touch mode settings.

The ET401 Enterprise Tablets—the sleek design your workers expect, with the power and rugged reliability your enterprise needs.
For more information, please visit www.zebra.com/et401

No matter how you enter data, you get the same pinpoint accuracy and instant response, even in heavy rain. And the bright 600 nits display is easy to see indoors and outside.

Advanced AI-audio takes voice clarity to the next level
AI eliminates acoustic echoes and suppresses more background noises, delivering higher quality, clear voice—even in environments that challenge traditional noise suppression technologies.

More ways to capture more data

Integrated short range RFID option
The Dragonwing Q-6690 is the world's first enterprise mobile processor with fully integrated RFID capabilities, enabling your ET401 to read 90 RFID tags per second up to 4 ft. (1.2 m) away—opening the door to many new contactless use cases. In seconds, retail associates can take inventory on store shelves and technicians can ensure the right tools and parts are loaded on their trucks—without the need to purchase and manage separate RFID readers.

Ultra-wide angle rear camera option
This 13 MP camera option paves the way for new vision applications that require a wider view. Car rental agencies can document the condition of a whole car, and retailers can capture an entire shelf section for merchandising—with just a few clicks.

Choose an optional integrated scanner to meet your needs
Use the SE4100 for low to moderate intensity standard range barcode scanning. The SR500 captures barcodes in all lighting conditions, including bright sunlight, and offers a longer scanning range and a first-of-its-kind yellow LED aimer with red illumination for greater contrast and easier, more accurate aiming. And the ability to capture images, documents and OCR/text is ideal for proof of delivery and more.

Keep your devices safe with multiple layers of security

Protect your device against physical hardware attacks
Secure Element and Android Strongbox provide the best physical security available on a mobile device and prevent unauthorized access to sensitive data. Plus, select models feature an embedded HID® security chip, allowing secure card or badge access to the ET401 and protected applications.

Prevent cyber attacks with a lifetime security guard
LifeGuard™ for Android™ [3] provides the timely OS updates you need to stay on top of emerging security threats. You choose when to update, making it easy to validate that your apps work before you update. And you choose how users update—over Wi-Fi or cellular networks or when devices are cradled and not in use.

Give your workers easy and secure device access
With Identity Guardian[4], workers can simply position their face in front of the screen to log on—and with Single Sign On (SSO) compatibility, there's no more entering credentials to log in and out of applications throughout the day.

Easily find missing devices—even if they are powered off
Do you know where your devices are? With Device Guardian[5], you will, making it easy to find and recover lost or misplaced devices.

All the fastest wireless networks

Unmatched wireless performance with Wi-Fi 7, 5G and Bluetooth 6
Wi-Fi 7 delivers more than double the speed of Wi-Fi 6, double the bandwidth and multi-band communications, supporting more devices and more traffic. Optional 5G 2nd Gen Release 17 provides the fastest cellular speeds, plus private 5G network support—ideal for large areas where Wi-Fi may be too complex and costly to deploy. Bluetooth 6.0 delivers low-power connections and precise positioning accuracy to automatically connect and disconnect peripherals.

Maximize tablet value and workforce productivity

A complete accessory family with backwards compatibility
Upgrading from the ET40/ET45 to the advanced capabilities of the ET401 is seamless. Just swap devices—nearly all of your existing ET40/ET45 accessories work with the ET401.

Battery-free operation
Use an external power source for ET401 tablets that are permanently installed in vehicles, kiosks or workstations, eliminating the need for a battery—and related technical issues such as battery swelling.

Boost functionality and efficiency with Zebra DNA—your software advantage
Easily set up, secure, and manage your devices right out of the box with Zebra DNA Core—no-cost fundamental software that is pre-loaded and ready to use. Two upgrades are available. Upgrade to Zebra DNA Core+[6] for premium tools that streamline data capture and collaboration for your frontline workers. Or upgrade to DNA Advanced[6], which includes all the tools in DNA Core+, with subscriptions to five additional powerful applications—Enterprise Browser, Wireless Insights, Identity Guardian, Device Guardian and Zebra DNA Cloud. Easily manage all DNA Core, DNA Core+ and DNA Advanced applications through a single intuitive dashboard.

Specifications

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

Wireless LAN

WLAN Radio	IEEE 802.11 be/az[7]/mc/ax/ac/n/a/g/b/d/h/i/r/k/u/v/w; Tri-band (2.4 GHz, 5 GHz, 6 GHz), 2x2 MU-MIMO; Wi-Fi CERTIFIED 7™; MLO (Simultaneous Transmit and Receive MLMR) connection in Tri-band and Dual-band modes: 2.4+5+6, 2.4+5+5, 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, 160 MHz, 320 MHz—up to 5764 Mbps
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); Channel Bandwidth: 20, 40, 80, 160, 320 MHz; 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); WMM-Power Save; WMM-Admission Control; Voice-Enterprise; Wi-Fi Direct; Wi-Fi Agile Multiband; Wi-Fi QoS Management; Wi-Fi Optimized Connectivity; Passpoint
Fast Roam	802.11r Fast BSS Transition; PMK Caching; Cisco CCKM; OKC
Wi-Fi Multimedia	Wi-Fi Multimedia™ (WMM) and WMM-PS; TSPEC

Wireless WAN

Radio Frequency Band (WAN data only)	Bands[8] : 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[9]: 850/900/1800/1900; Rel-17, 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 MIMO[8]: 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

Markets and Applications

Retail and Hospitality

- Assisted selling
- Line busting
- Point-of-Sale (POS)—in store, curbside pickup, events and entertainment
- Inventory management
- Staff management and communication
- Hotel/restaurant check-in
- Food ordering

Transportation and Logistics

- Routing and dispatch
- Vehicle inspection and maintenance
- Quality/safety checks
- Inventory management
- Staff management and communication
- Proof of pickup and delivery

Warehousing/Manufacturing

- Manager device
- Inventory management
- Maintenance repair and overhaul
- Quality assurance
- Staff management and communication

User Environment

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 Flash LED; Phase Detection Autofocus
Front Camera	8 MP
Ultra-Wide Rear Camera	13 MP Flash LED (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

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

Footnotes

1. RFID is available on specific SKUs
2. Based on GeekBench 6 Multi-Thread benchmark scores using real-world tests
3. Requires a Zebra OneCare maintenance contract
4. Requires purchase of a license or comes with DNA Advanced software upgrade
5. Requires purchase of a license or comes with DNA Advanced software upgrade; not available in all regions
6. Optional, requires a subscription
7. Available Q4 2026
8. Actual support may vary by country/carrier, contact Zebra Tech support for more details
9. 2G is not supported for North American SKUs

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