ET60/ET65 Rugged Enterprise Tablets

The most versatile rugged Android™ business tablets

Maximize productivity and business efficiency with business tablets that deliver more—more features, more power, more security, more ruggedness and more versatility. Put these tablets to work in your most punishing environments—while they offer all the beauty of consumer-styling, they're built like a tank, ready to handle the dust, dirt and grime in manufacturing plants and warehouses; life in the freezer; constant vibrations in forklifts and other vehicles; and all the elements—snow, ice, rain, dust, blazing heat and frigid cold. With unmatched flexibility, these tablets can be whatever you need them to be—a tablet, a laptop alternative and a vehicle mount computer. When it comes to features, these workhorses are loaded with processing power, battery power, data capture power, all the latest wireless connectivity options and more. And Mobility DNA™ adds unmatched value with features that make the tablets easier to use and manage. When the job calls for a rugged tablet, no matter what features you need, the ET60/ET65 delivers.

Rugged Redefined

Designed to Handle Practically Everything

This tablet has survived more real-world tests than any other tablet in its class. It's drop-tested on concrete, built for the freezer and blazing heat, dustproof and corrosion-proof—and you can just hose it off when it's dirty. Other tests include vibration, thermal shock, solar radiation and salt fog to ensure it can handle the constant pounding in a forklift, vehicle vibrations, rapid and wide temperature swings and heavy exposure to sunlight. The result? A tablet that thrives virtually anywhere—from the harsh environments in warehouses and manufacturing plants to the unpredictable outdoor environments in ports and yards, field services and public safety.

A Display You Can See Everywhere

View the super bright 1000 nit display easily in any lighting—including outside in bright sunlight or inside in a dimly lit manufacturing plant or warehouse. And two of the most vulnerable elements are protected with shatter- and scratch-resistant Gorilla Glass—the display and the optional scanner exit window.

An Extraordinary 4-Year Lifecycle

Unlike many devices, the ET60/ET65 will be available for sale for four years, 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.

Get the Ultimate in Flexibility—So Much More Than a Tablet

Turn it Into a Vehicle Mount Computer

Just lock the ET60 or ET65 into the new patent-pending vehicle dock for mounting in a forklift or other material handling vehicle. The touchpanel and warehouse keyboard are heated when locked into the vehicle dock—a feature no other tablet today can offer. Even in the freezer and other condensing environments, the screen is always free of condensation, clear and easy to see—and the keyboard is always free of ice, ready for data entry. All device features are easily accessible—including the expansion connector on the back to add available new capabilities. And choose an optional keyboard to make on-the-move data entry easy for forklift operators.

When the job calls for a rugged tablet, get the tablet that delivers more—more features, more power, more security, more ruggedness and more versatility.

Create a 2-in-1 Laptop

Just snap on the friction hinge keyboard accessory to get all the functionality of two devices—a tablet and a laptop for heavy data entry.

The Most Powerful Tablet in its Class

A Processor Built for Today and Tomorrow

The powerful Qualcomm® 6490 octa-core 2.7 GHz platform supports the fastest networks—5G and Wi-Fi™ 6E—plus artificial intelligence and machine learning to enable the apps of today and tomorrow.

All the Most Powerful Wireless Connections

Support for 5G private networks and Citizens Band Radio Service (CBRS)[1] enable highly secure and cost-effective private cellular wireless connectivity in large areas, such as ports and yards. Support for 5G and Wi-Fi 6E provides workers inside your facility and out in the field with blazing fast and reliable wireless connections. And the physical SIM and eSIM allow devices to connect to both a private 5G or CBRS cellular network and the public cellular network, providing seamless connectivity inside and outside of your facility.

All the Battery Power Your Workers Need

No matter how demanding your apps are, you can count on full-shift or multi-shift power with the standard or extended battery. Batteries are removable, so the tablet is never out of service for charging. The Super Capacitor delivers constant power during battery swaps so you never lose data. And the PowerPrecision+ batteries provide the intelligence required to spot, locate and remove unhealthy batteries from the battery pool—and more.

Battery-Free Operation

Planning to mount in a forklift or other warehouse vehicle? Just power the ET60/ET65 through the host vehicle, eliminating the need to purchase and maintain batteries.

Keep Your Devices Secure Every Minute of the Day

LifeGuard™ for Android provides regular and timely OS patches and security updates throughout the life of your tablets, protecting your data from hackers and breaches. Support for Private 5G and CBRS networks gives you complete control over cellular connections, with added protection through SIM and eSIM required encryption. And increase security for your most sensitive information with Common Access Card (CAC) support.

Meets Any Barcode Scanning Need

Just need to capture barcodes occasionally? Thanks to the integrated software, you can capture barcodes with the 16 MP rear camera, right out of the box. Have more intense barcode scanning needs? The optional SE55 1D/2D Advanced Range scan engine with Intellifocus™ technology captures virtually any barcode in practically any condition in a split second over an extraordinary scanning range—from near contact up to 40 ft./12 m away.

Automate Data Capture

Utilize the rear camera to automatically recognize and capture license plates, VINs, TINs, identification documents, meter readings and shipping container numbers with OCR Wedge. The information is formatted properly and sent instantly to your application—without costly, time-consuming programming.[2]

Maximum Android power

Simplify multi-tasking and boost productivity with the latest Android features. Users can easily launch and switch apps on the fly with the new task bar—and drag-and-drop to open two apps simultaneously in split-screen mode. And with support up to Android 16, the devices you buy today will support the new business features of tomorrow.

Drive Workforce Productivity and Device Value to a New Level With Mobility DNA—Only From Zebra

The Industry's Most Complete and Proven Software Tools

Tools that simplify device integration allow you to create rich apps that take full advantage of your device's capabilities, build feature-rich web applications and easily capture and integrate barcode data into your apps—without writing any code. Tools that enable fast and easy deployment allow devices to provision themselves right out of the box, and you can stage a handful or thousands of devices with a scan of a barcode or tap on an NFC tag. Tools that simplify device management allow you to easily locate missing devices. You also get dependably superior Wi-Fi connections, control over the Google Mobile Services you want to activate and an easy way to test all major device systems to eliminate unnecessary trips to the repair depot. And tools that increase on-the-job productivity enable workers to easily manage Bluetooth accessories, utilize a keyboard designed for your data, restrict apps and device features to keep workers focused on the job, capture multiple barcodes on multiple labels with one press of the scan button—and more.

Specifications

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	2.3 lbs/1,074 g
Display	10.1 in. WUXGA (1920 x 1200)—1,000 nits; optically bonded to touchpanel
Touchpanel	Multi mode capacitive touch with bare or gloved fingertip input or conductive stylus (sold separately); Corning® Gorilla® Glass; Water droplet rejection; fingerprint resistant anti-smudge coating
Expansion Slot	User accessible MicroSD card; supports up to 2 TB
Connectivity	2 x USB 3.1 Type A Ports; 1 x USB 3.1 Type C Port (with DisplayPort 1.2 support)
Interface Ports and Expansion	Docking connector (charge and data); Keyboard connector; 1 x USB 2.0 (back I/O - host only)
Notifications	Audible tone; 2x multi-color LEDs
Audio	Stereo speakers and two microphones; audio headset supported through USB port or Bluetooth; speaker/microphone support
Buttons	Power; Scan; Up/Down (volume or brightness); three programmable keys
External Scanner Support	HID via USB and Bluetooth®; SSI via USB and Bluetooth for DS/LI 36XX, RS5100 and RS6100

Performance Characteristics

CPU	Qualcomm® 6490 octa-core; 2.7 GHz
Operating System	Upgradeable to Android 16
Memory	8 GB RAM/128 GB UFS Flash

User Environment

Operating Temp.	Standard battery: -4° F to 131° F/-20° C to 55° C Extended battery: -22° F to 131° F/-30° C to 55° C No-battery configurations: -22° F to 140° F/-30° C to 60° C
Storage Temp.	-40° F to 158° F/-40° C to 70° C
Humidity	5% to 95% non-condensing (standard); 5% to 95% condensing (freezer version with heated touch screen)
Drop Specifications	5 ft./1.5 m drop to concrete exceeds MIL-STD-810H
Sealing	IP66 per IEC 60529
Vibration	MIL-STD-810H Method 514.8 Operating, MIL-STD-810H Method 514.8 E-1 Minimum Integrity 7.7 Grms non-operating
Thermal Shock	-40° F to 158° F/-40° C to 70° C
Electrostatic Discharge	± 15kV air discharge; ± 8 kV contact; ± 8 kV indirect
Salt Fog	48 hour of 5% solution at 95° F/35° C
Solar Radiation	EN/IEC 60068-2-5 solar radiation spectral

Wireless LAN

Radio	IEEE 802.11 a/b/g/n/ac/d/h/i/r/k/v/w/mc/ax; 2x2 MU-MIMO; Wi-Fi 6E (802.11ax); Wi-Fi™ certified; Wi-Fi™ 6E Certified; Dual Band Simultaneous; IPv4, IPv6
Data Rates	6 GHz: 802.11ax - 20 MHz, 40 MHz, 80 MHz, 160 MHz - up to 2402 Mbps; 5 GHz: 802.11a/n/ac/ax - 20 MHz, 40 MHz, 80 MHz, 160 MHz - up to 2402 Mbps; 2.4 GHz: 802.11b/g/n/ax - 20 MHz - up to 286.8 Mbps
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 MHz; Actual operating channels/frequencies and bandwidths depend on regulatory rules and certification agency.
Security and Encryption	WEP (40 or 104 bit); WPA/WPA2 Personal (TKIP, and AES); WPA3 Personal (SAE); WPA/WPA2 Enterprise (TKIP and AES); WPA3 Enterprise (AES)—EAP-TTLS (PAP, MSCHAP, MSCHAPv2), EAP-TLS, PEAPv0-MSCHAPv2, PEAPv1-EAP-GTC, LEAP and EAP-PWD; WPA3 Enterprise 192-bit mode (GCMP256) - EAP-TLS; Enhanced Open (OWE)
Fast Roam	PMKID caching; 802.11r (Over-the-Air); OKC
Certifications	Wi-Fi Alliance Certifications Wi-Fi CERTIFIED n; Wi-Fi CERTIFIED ac; Wi-Fi CERTIFIED 6; Wi-Fi Enhanced Open; WPA2-Personal; WPA2-Enterprise; WPA3-Personal; WPA3-Enterprise (includes 192-bit mode); Protected Management Frames; Wi-Fi Agile Multiband; WMM; Wi-Fi Direct

Wireless WAN (ET65 only)

SIM Slots	1 x eSIM, 1 x Nano SIM
Frequency Bands	5G FR1: n1/2/3/5/7/8/12/13/14/20/25/26/28/29/30/38/40/ 41/48/66/71/77/78 4G: B1/2/3/4/5/7/8/12/13/14/17/20/25/26/28/29/30/38/39/40/ 41/42/43/46/48/66/71 3G: B1/2/4/5/8
LTE/5G Private Networking	Supported
GNSS	GPS, 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

Wireless PAN

Bluetooth	Bluetooth v5.2 Class 1, Bluetooth Low Energy (BLE)
NFC	ISO 14443 Type A and B; FeliCa and ISO 15693 cards

Markets and Applications

Warehouse and Distribution

- Loading/unloading (containers and pallets) Cross docking
- Yard management
- Inventory management
- Picking
- Cold storage
- Staff communications

Manufacturing

- Plant floor management
- Maintenance and repair
- Quality assurance
- Safety and inspection compliance
- Mobile HMI
- Staff communications

Field Service

- Routing and dispatch
- Mobile work orders
- Proof of service
- Meter reading
- Inspection and compliance
- Personnel tracking

Public Safety

- Incident and patient care reporting
- Routing and dispatch
- In-vehicle inventory management
- Staff communications
- Personnel tracking

User Environment

	energy distribution; 1120 W/m2 at display surface; environmental temperature: 104° F/40° C; irradiation duration: 24 hours
Impact	Steel ball (130 g) dropped from 75 cm height
Hazardous Location Certification	Class 1 Division 2[3]

Power

Charging	Through USB Type-C (USB PD3.0 compatible) port or optional dock
Battery	Standard capacity: 8,920 mAh Extended capacity: 17,840 mAh Hot Swap battery mode
Super Capacitor	No-battery configurations: 5-minutes of operation[4]
Battery Run Time	Standard battery: 10 hours indoor (WLAN on, 50% backlight); Extended battery: 20 hours indoor (WLAN on, 50% backlight)[4]
Battery Charge Time	Standard battery: 2.5 hrs from 4% to 80% with 45 W power supply; Extended battery: 5.5 hrs from 4% to 80% with 45 W power supply

Sensors

Ambient Light Sensor	Automatically adjusts display brightness
Magnetometer	eCompass
Motion Sensor	3-axis gyroscope; 3-axis accelerometer
Humidity Sensor	Control input for display heating

Data Capture

Optional Scanner	SE55 1D/2D Advanced Range Scan Engine with IntelliFocus™ technology
Rear Camera	16 MP autofocus; flash LED generates balanced white light
Front Camera	8 MP; mechanical privacy shade
Camera Scanning	1D/2D barcodes; optional OCR for documents, license plates, VINs and more

Security Features

FIPS 140-2 Validated (ISO 19790) and Common Criteria certified (ISO 15408);
FIPS 140-2 cryptography can be enabled on select configurations through a custom SKU request; supports Secure Boot and Verified Boot

Peripherals and Accessories

Accessories include: vehicle dock; keyboard[3]; CAC reader[3]; RFID reader[3]; 2-slot battery charger[3]; stylus; carrying accessories—handstrap, kickstand, shoulder strap and handle

Warranty

Subject to the terms of Zebra's hardware warranty statement, the ET60/ET65 Enterprise Tablets are warranted against defects in workmanship and materials for a period of 3 (three) years from the date of shipment. For complete warranty statement, go to: www.zebra.com/warranty

Recommended Services

Zebra OneCare® Essential and Select support services; Zebra Visibility Services—VisibilityIQ™ Foresight; Learning Services

Footnotes

1. CBRS is available in the US only
2. OCR Wedge license required for each data type
3. Available 1H 2024
4. Battery and Super Capacitor performance can vary according to usage conditionsSpecifications subject to change without notice

Mobility DNA

Mobility DNA solutions help you get more value out of your Zebra devices by adding functionality as well as simplifying deployment and management of our mobile devices. Features may vary by model and a Support Contract may be required. To learn what solutions are supported, please visit: www.zebra.com/mobilitydna

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