

Putting sustainability at the heart of our products

ECO-FRIENDLY ATTRIBUTES



When it comes to creating sustainable products, Zebra is committed. From company-wide global initiatives to the end-to-end product life cycle from manufacturing to retirement, our green initiatives protect the planet—and the people who make and use our products.

TC501

SUSTAINABLE PACKAGING

GREEN BATTERY TECHNOLOGY

Product sustainability attributes

EPEAT	EPEAT Gold Certified
Eco-friendly attributes⁵	No halogens, no mercury, no PFO/PFOAs, no latex, compliant with global ROHS requirements.
A-to-Z sustainable packaging	Our corrugated packaging is 100% curbside recyclable: • 97% biodegradable packaging, by weight including a bio-based TPU retention film • All cardboard and paper inserts are made with FSC Mix certified paper
Power consumption	• Consumes 32% less energy than the US Department of Energy (DOE) required threshold¹ • Fast charging in just 44 minutes⁴ • Green Mode settings allow for intelligent limiting of power consumption across a fleet of devices
Using fewer device types	Zebra solutions provide true device convergence—the Device also has an integrated scanner, RFID, push-to-talk capability, NFC payments, and can replace a workstation, substantially reducing plastics and electronics volumes, as well as cost.
Lower consumption of devices, accessories and batteries through maximized life cycles	Most carbon emissions occur in the raw material and manufacturing stages—the fewer devices you use, the more you reduce greenhouse gasses: • 10 years of security: keep your devices secure every day of their long lifecycle with LifeGuard™ for Android™³ • 10 years of repair and technical support: no need to retire working devices due to lack of available support³ • TC501 is compatible with the new modular designed cradle which includes tool-less swap out of cups and allows 2x more devices maximizing your space efficiency • Device is compatible with legacy TC5x and TC7x charging accessories • Device Guardian locates devices when lost or misplaced even after the device powers off. • No-cost Zebra DNA™ troubleshooting tools keep devices on-site and in the hands of your workers—instead of the service center
Green battery technology	• Removable, easy to recycle battery • Reduced spare battery pool: Over 23-hour battery run time², plus visibility into battery health to ensure that all batteries can hold a full charge • With OLED technology, the display can extend battery runtime by up to 2x in typical user content⁶ • Zebra Charge Manager allows more efficient charging and longer battery lifetime
Advanced NFC and RFID reading	• The most complete Android NFC reading enables NFC contactless transactions • Integrated short range RFID eliminates the need for separate readers, which reduces manufacturing materials and future electronic waste. • Reduced Waste from eliminating physical tickets



The device contains **47.2% total sustainable plastic by mass, comprised of 27% post-consumer plastic and 20.1% bio-based plastic^{7, 8}**

The device contains **45.8% post-consumer recycled metals by mass**



Zebra's circular economy provides life-cycle management of products that reduce your overall carbon impact

Takeback recycling program

Zebra offers free recycling for selected end of life devices and will provide a certificate of destruction upon request. Conditions apply.

Device buy-back program

Your device may be eligible for buy-back at the end of its life, supporting a circular economy while upgrading to the next generation device.

Certified refurbished device program

Purchase or rent certified refurbished devices, which perform like new and may include end of life products to meet season surges and bridge gaps to a tech refresh.

Battery recycling services

We offer a variety of options, depending on location, from convenient drop-off locations to complete a-to-z battery management, where Zebra handles it all for you. Conditions apply.

→ Learn more at www.zebra.com/tc501



Sustainability results apply to: TC501

1. Testing the TC501, with a Zebra USB charger, in accordance with the Unit Energy Consumption for battery chargers test 2. TC501 Device using an outdoor browser intensive profile and a 5000 mAh battery. 3. 10 years of LifeGuard and Zebra OneCare™ support are available from the first date product is available for sale. 4. Charging the TC501 Device from 0% to 70% with a 5000 mAh battery and a Zebra 45W wall charger (PWR-WUA5V45W1US). 5. All electronic products from Zebra may contain other trace amounts of chemicals on the IEC 62474 list of hazardous substances. 6. Comparing the TC501/TC701 to the TC53/TC58/TC78 running the WLAN Scan Transmit Test at FHD+ (1080 x 2160), at 600 NITS and using a 5000 mAh battery. 7. Bio-based plastic is produced from crude tall oil, a waste product from the Kraft pulping process. 8. Total Bio-Based material is 20.18% and Total Post Consumer Recycled Plastic is 27.09%.

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