

# Putting sustainability at the heart of our products

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

ECO-FRIENDLY ATTRIBUTES

SUSTAINABLE PACKAGING

GREEN BATTERY TECHNOLOGY

## Product sustainability attributes

| EPEAT                                                                                 | EPEAT Gold Certified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eco-friendly attributes <sup>5</sup>                                                  | 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: <ul style="list-style-type: none"> <li>• 97% biodegradable packaging, by weight including a bio-based TPU retention film</li> <li>• All cardboard and paper inserts are made with FSC Mix certified paper</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Power consumption                                                                     | <ul style="list-style-type: none"> <li>• Consumes 32% less energy than the US Department of Energy (DOE) required threshold<sup>1</sup></li> <li>• Fast charging in just 44 minutes<sup>4</sup></li> <li>• Green Mode settings allow for intelligent limiting of power consumption across a fleet of devices</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 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 | <p>Most carbon emissions occur in the raw material and manufacturing stages—the fewer devices you use, the more you reduce greenhouse gasses:</p> <ul style="list-style-type: none"> <li>• 10 years of security: keep your devices secure every day of their long lifecycle with LifeGuard™ for Android™<sup>3</sup></li> <li>• 10 years of repair and technical support: no need to retire working devices due to lack of available support<sup>3</sup></li> <li>• 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</li> <li>• Device is compatible with legacy TC5x and TC7x charging accessories</li> <li>• Device Guardian locates devices when lost or misplaced even after the device powers off.</li> <li>• No-cost Zebra DNA™ troubleshooting tools keep devices on-site and in the hands of your workers—instead of the service center</li> </ul> |
| Green battery technology                                                              | <ul style="list-style-type: none"> <li>• Removable, easy to recycle battery</li> <li>• Reduced spare battery pool: Over 23-hour battery run time<sup>2</sup>, plus visibility into battery health to ensure that all batteries can hold a full charge</li> <li>• With OLED technology, the display can extend battery runtime by up to 2x in typical user content<sup>6</sup></li> <li>• Zebra Charge Manager allows more efficient charging and longer battery lifetime</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Advanced NFC and RFID reading                                                         | <ul style="list-style-type: none"> <li>• The most complete Android NFC reading enables NFC contactless transactions</li> <li>• Integrated short range RFID eliminates the need for separate readers, which reduces manufacturing materials and future electronic waste.</li> <li>• Reduced Waste from eliminating physical tickets</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |



The device contains **47.2%** total sustainable plastic by mass, comprised of **27%** post-consumer plastic and **20.1%** bio-based plastic<sup>7,8</sup>

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](http://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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