

## Zebra ZQ500 Series

Exceptional durability for the toughest environments

Zebra's ZQ500 Series mobile printers work as hard as you do. Ideal for harsh, demanding applications requiring defense against shock/vibrations, dust and water, the ZQ511 and ZQ521 printers offer unmatched durability for use in the most challenging environments. The ZQ500 Series features a military-grade design, quality construction and heavy-duty materials for increased printer endurance, with options for UHF RFID encoding and linerless printing to meet all of your mobile printing needs.



### ZQ500 Series Protection



#### Protection Against Water and Liquids

- IP54-rated, environmentally sealed design and IP65-rated exoskeleton case protect against water spray from any direction
- Display drains prevent liquids from pooling on screen
- Rain gutters around the media compartment block water from draining into printer
- Drain holes and baffles under buttons isolate critical electrical components from liquids



#### Protection Against Dust and Debris

- IP54-rated, environmentally sealed design protects against limited dust ingress and the IP65-rated exoskeleton case protects against total dust ingress
- Separate covers for USB and charging ports offer additional protection against dust and particles
- Two-piece cover design protects cables from exposure



#### Protection Against Vibrations and Drops

- Enhanced materials withstand repeated drops to concrete from 6.6 ft./2 m—and from 10 ft./3 m with exoskeleton case—on every face, edge and corner
- Design meets third-party-verified MIL-STD 810g military standards for shock/vibration
- Tumble tested per the IEC68-2-32 spec to handle 1300 free falls from 3.3 ft./1 m
- High-torsional rigidity means the printer resists twists if dropped

## ZQ500: Sophisticated Design Details, Unparalleled Durability

**Raised bumps**  
for antiskid on  
flat surfaces

**Separate USB and  
charge port covers**  
for extra protection  
against dust/liquids

**Large button** for  
quick identification  
and opening of  
media cover

**Dual-sided tear  
bar** for easy, one-  
handed tears in  
either direction

**Linerless  
printing option**  
produces less  
waste, improving  
productivity

**Protected hinge  
design** on media  
cover for stronger,  
longer hinge life

**Oil and scratch-resistant  
TPU overmold** for  
enhanced user grip  
and added thickness  
to handle drops

**Auto-locking,  
rigid long glass  
fiber media  
guides** for  
smooth printing

**Fully encapsulated, chemically  
strengthened display** with  
integrated keypad for protection  
against abrasion, impact and liquids

**Metal die-cast serviceable  
bumpers** for secure, heavy duty  
attachment points for connecting  
cradle/carrying straps

**Metal-injected molded  
(MIM) stainless steel,  
lattice structured  
hooks** for added strength  
and reduced weight

**Stainless steel gear  
train** for longevity  
and durability



Use with other Zebra rugged mobility solutions for the ultimate performance edge:

### Mobile Computers



TC73/TC78

### Scanners



DS3600 Series

### Tablets



L10 XSlate



L10 Xpad



ET85

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