



**wasp**  
BARCODE TECHNOLOGIES



**WDT960** | 2D Android Mobile Computer

## Rugged Handheld Built For Fast, Accurate Barcode Scanning In Demanding Environments



### Key Features

- Android 14 OS with GMS and AER certification
- 2D barcode scanning from up to 3 feet away
- Bright green laser aimer for accurate barcode targeting
- Wi-Fi 6E and Bluetooth® 5.2 connectivity
- IP65/IP67-rated protection against dust and water
- 1.8-meter drop resistance, up to 2.4 meters with bumper
- 38-key backlit numeric keypad for fast data entry
- 30-degree tilt-down scanning design for more comfortable use

# WDT960 | 2D Android Mobile Computer

**OPERATING SYSTEM** OS: Android 14, GMS and AER  
CPU: Qualcomm Snapdragon™ 4490 Processor, 64bits, Octa Cores up to 2.4GHz  
Memory: 6GB RAM + 128GB UFS Flash  
Languages support: Multi-languages

**COMMUNICATION** Bluetooth: Bluetooth® 5.2  
WLAN: Wi-Fi 6E, 2.4GHz & 5GHz & 6GHz; IEEE 802.11a/b/g/n/ac/d/h/i/k/r/v/ac/ax (MIMO 2X2); Support DBS & Fast roaming; Security WPA3, WPA2, WPA & WEP  
Sensors: Gyroscope, G-sensor, E-compass, Light & Proximity Sensor, 3-axis accelerometer

**ELECTRICAL CHARACTERISTICS** Main Battery: 3.6V 6700mAh  
Hot Swap Battery: Keeps applications active up to 1 minute

**PHYSICAL CHARACTERISTICS** Dimensions: 7.68" H x 2.83" L x 1.34" W (19.5 cm H x 7.2 cm L x 3.4 cm W)  
Net weight (scanner with battery only): .87 lb (.39 kg)  
Shipping weight (boxed): 1.25 lbs (.57 kg)  
Interfaces: USB Type C Connector for PC. POGO PIN OTG connector for Cradle.  
Expansion Slot: Micro SD/TF x 1 (Support SD, SDHC and SDXC), up to 256GB  
Audio: Speaker: 2W output, One speaker with Smart PA (105 dB at 10cm)  
MIC: Dual-Microphone, support noise cancellation

**DISPLAY** Screen Size: 4" TFT-LCD WVGA (480x800) color screen (400 nits)  
Touchpanel: Ultra-sensitive capacitive touch screen, compatible with gloves (thickness ≤ 4 mm) and support wet resistance, stylus (3 mm)

**KEYPAD** Function Numeric (38 key) with backlight

**CAMERA** Rear camera: 16 MP with auto-focus and LED flash, support ARCore

**ENVIRONMENTAL CHARACTERISTICS** Operating temperature: -4°F to 122°F (-20° to 50°C)  
Storage temperature: -22°F to 158°F (-30°C to 70°C) (without battery)  
Charging: 32 to 113 °F (0 to 45 °C)  
Relative Humidity: 5% ~ 95% (non-condensing)  
Drop specification: 1.8 m / 2.4 m (with bumper)  
Sealing: IP65 / IP67

**SAFETY CERTIFICATIONS** Regulatory Approvals: CE, FCC, NCC, IC, VCCI, TELEC, CCC, SRRC, RoHS, CEC, BQB, GMS, N-Mark

**SYMBOLOGIES READ** All major 1D and 2D codes

**READING RANGES** Depth of Field, Approx., by symbology: 13 mil 100% UPC: 1.6 inches to 2.1 feet; 13 mil 100% UPC: 1.6 inches to 2.1 feet; 4 vs. 3 mil Code 39: 3 inches - 5.8 inches; 20 mil Code 39: 1.6 inches to 3 feet; 5 mil PDF417: 3 inches - 7.9 inches; 7 mil PDF417: 2.5 inches - 10.1 inches; 5 mil Code 128: 2.3 inches - 9.8 inches; 15 mil Code 128: 2.4 inches to 2.3 feet; 15 Mil QR Code: 1.1 inches to 1.5 feet; 10 mil DataMatrix: 2.1 inches - 11 inches.

**PART NUMBERS** Wasp WDT960 2D Android Mobile Computer (I00011409)  
Wasp WDT960 2D Android Mobile Computer Cradle (I00011410)



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