



10.1 inch android device

Z450**CATEGORY: PRICE CHECKER**

PRODUCT CODE: Z450

Technical Data Sheet**Operating System**Android 14 (GMS)
(Upgradeable to Android 18)**Processor**

Rockchip RK3568, ARM Cortex-A55 Quad-Core 2.0 GHz Efficient, reliable, and built for multitasking.

**Display**

10.1 in HD (1280 x 800) IPS; AF-Coated Screen: Multi-Touch, Quick-Response Capacitive Touch Panel that resists fingerprints and enhances durability; Active Screen Area: 217 x 136 mm; Aspect Ratio: 16:10; Brightness: 350 NIT.

**Memory**

Standard: RAM 4GB / ROM 32GB

**Extend Memory**

Supports Micro SD cards up to 512GB (Class 2 to Class 10, UHS-I).

**Barcode Scanner**

30° angle scanning, Standard: Zebra SE4770 Ultra-fast scanning of 1D/2D barcodes with intelligent image capture and optimized processing for printed, electronic codes, damaged, dirty, and poorly readable codes.

**NFC**

13.56MHz; ISO 14443 Type A and B, FeliCa, ISO 15693; Supports Card Emulation via Host, Reader, and P2P modes.

**Camera**

5MP, 1080p 60 fps with Fixed Focus.

**Wireless LAN (WLAN)**

Wi-Fi 5 (IEEE 802.11a/b/g/n/ac Wave 1 & 2) with MIMO 2x2, 2T2R antennas (powered by AP6398S module). Seamless Roaming ensures uninterrupted transitions between access points (leveraging 802.11r fast roaming, OKC, PMKID caching). Supports IPv4/IPv6 and WPA3 security.

**Wireless PAN (WPAN)**

BT 5.2 BR/EDR + BLE; HFP, PBAP, A2DP, AVRCP, OPP, SPP, GATT; High speed, low energy consumption.

**Voice & Audio**

Dual 2W speakers and noise-reducing microphones ensure clear communication. Supports multi-language speech playback.

**Sensors**

Proximity sensor (35 cm range) for auto scanner activation. Includes G-sensor and PCB-supported E-compass (default N/A).

**Buttons**

Recessed reset button with pinhole design for secure, intentional activation.

**Connections & Interfaces**

USB-C (data only), USB-A (USB 2.0 & 3.0, simultaneous use supported). Gigabit Ethernet (RJ45, PoE: 802.3af/at). 3.5 mm audio jack supports MIC, OMTP & CTIA.

**Power**

Supports PoE (802.3af: 13W, 802.3at: 25.5W) and 12V / 2A input, ensuring flexible and efficient power management.

**Seal & Ruggedness**

IP54 (dust and splash-resistant); 2.62 ft / 0.8 m multiple drops to concrete over operating temp; withstands 300 hits (repeated tumbles from 1.6 ft / 0.5 m)

**User Environment**

Operating Temp -20°C to 60°C, -4°F to 140°F Humidity 10% to 85% non-condensing

**Dimensions (L×W×H)**

261.96 x 217.49 x 38.7 mm 10.31 x 8.56 x 1.52 in

**Weight**

915 g / 32.28 oz

**Standard Accessories**

Wall Mount Kit

**Optional Accessories**

Additional accessories can be connected via USB and Bluetooth interfaces.