

MINDEO



1D

2D



M50

Rugged Mobile Computer

Features

- 1 Octa-core, 2.0GHz
- 2 Android 11 .0+GMS Certificated
- 3 5.5 inch, 1440*720 HD+ IPS display, Corning® Gorilla® Glass
- 4 5000mAh battery, fast flash charging
- 5 Patented Battery Design, one-button ejection battery buckle design
- 6 Powerful Mindeo ME5066 Dual Camera 2D Bar code Image Engine
- 7 Ultra Rugged with IP68 sealing and withstands 1.5 m drop to concrete
- 8 7 mode 40+ frequency Global frequency band

M50 Specifications

PHYSICAL CHARACTERISTICS

Dimensions	Length×Width×Height: 156mm×75mm×14.5mm
Weight	249g with battery
Display	5.5 in. High Definition(1440×720), industrial-grade IPS display
Touchpanel	Corning® Gorilla® Glass capacitive touch panel (gloves & water support)
Camera	Front 5 MP fixed focus, f/2.4 aperture; Rear 13MP auto focus, f/2.2 apertur
Expansion Slot	Micro SD Card slot , up to 512GB
Interface	Bottom USB 2.0 OTG-host/client (Type-C)
Imager Window	Corning Gorilla Glass
Keypad	On-screen keypad and enterprise keypad
Notification	Audible tone, Multi-color LEDs, Vibration
Voice and Audio	Speaker, Telephone receiver, Dual microphones

ELECTRICAL CHARACTERISTICS

Battery	Rechargeable Lithium-ion 5000 mAh minimum (3.85V), PE fast charging (up to 3.0 A)
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PERFORMANCE CHARACTERISTICS

CPU	MTK MT6762,Octa-core Cortex-A53, 2.0 GHz
Operating System	Android 11.0
RAM	3/4GB LPDDR3
Flash	32/64GB eMMC 5.1

WIRELESS COMMUNICATIONS

WWAN	4G/3G/2G
WLAN	2.4G/5G Dual Band Wi-Fi ; IEEE 802.11 ac/a/b/g/n/d/e/h/i/j/k/r/v/w
WPAN	Bluetooth 5.0 ,Bluetooth Low Energy (BLE)

DATA CAPTURE

Scanning	ME5066 imager (1D & 2D); 20mil: 30mm-880mm (Code 39); 5mil: 38mm-250mm (Code 39)
NFC	High RF output power; ISO15693, ISO14443A/B, MIFARE: MifareS50, Mifare S70, Mifare UltraLight, Mifare Pro, Mifare Desfire, FeliCa Supported cards
GPS	GPS L1 with A-GPS: Glonass; BeiDou; Galileo

INTERACTIVE SENSOR TECHNOLOGY

Sensor	Proximity Sensor, Light Sensor, Accelerometer
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USER ENVIRONMENT

Environmental Sealing	IP68
ESD Protection	+/-15 kV air discharge; +/-8 kV direct discharge
Drop Specification	Withstands multiple 1.5 meter drops to concrete
Tumble Specification	1000 round 0.5 meter tumbles (2000 times impact)
Temperature	Operating Temp. : -20°C to +50°C Storage Temp.: -40°C to +70°C
Humidity	5% to 95% non-condensing

ACCESSORIES

Standard	Rechargeable Battery *1, Adapter Charger * 1, USB Type-C cable * 1
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MINDEO

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[Notice]: Specifications are subject to change without notice.