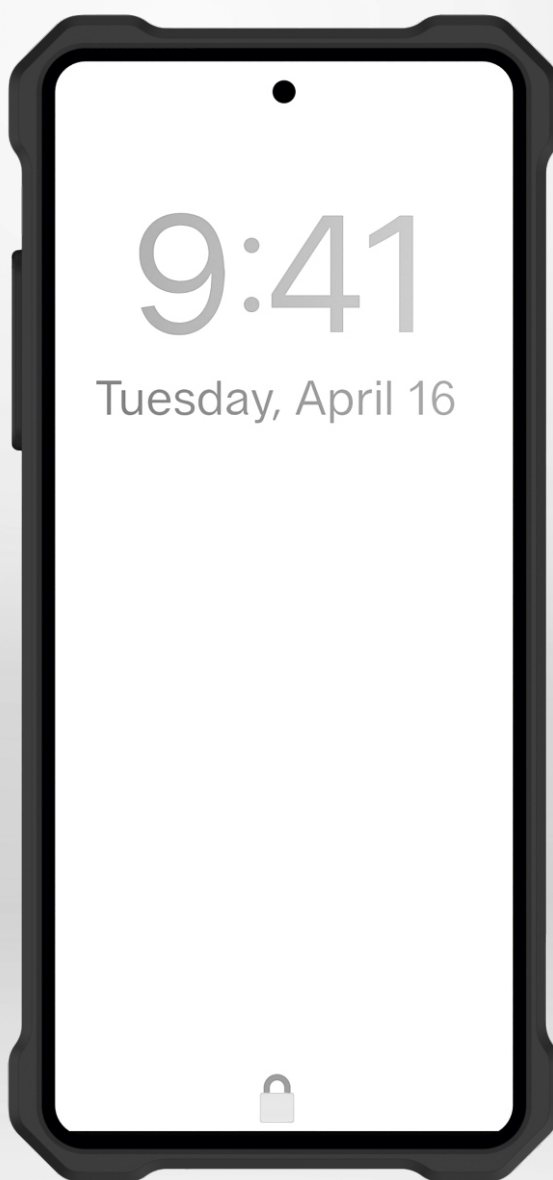


MANTRA

MOXA60

Android NFC Handset

MOXA 60 a secure, contactless biometric handset which enables seamless identity verification in mobile working environments designed for high-trust industries like banking, insurance, and education.





Introduction

MOXA60 is a mobile command centre built for high-trust industries which is powered by a 2GHz Octa-core Processor. Its 6.5-inch multi-touch screen is scratch-resistant, daylight-readable, and paired with Android 14 OS for enterprise-grade app compatibility or customizable for specialised deployments. MOXA60 turns your biometric strategy into a mobile-first reality without lag or compromise keeping workflows uninterrupted and data close at hand.

Specification



Hardware & System

CPU	: 2GHz High end Octa-core Processor
Memory RAM	: 4 GB on board support
Memory Flash	: 128 GB on board support
Micro SD Card	: Micro SD slot supporting up to 256 GB memory card
LCD	: 6.5" inch 720 x 1612 pixel display with 16M colors
Touch	: Scratch Resistant Multi-Point Capacitive Touch Screen
Operating System	: 64-Bit Android 14 / Customized Android OS (optional)
Front Camera	: 5MP AF camera
Back Camera	: 13MP AF camera
Audio	: One speaker with Smart PA (95±3dB @ 10cm) One omnidirectional MIC with one receiver
Control Buttons/Function Keys	: 1x Power On/Off Same button same used for sleep mode, Volume Up/Down key, 1X Factory Reset switch
Indicator Type	: Speaker for announcement
Dimensions (in mm)	: 172mm*80mm*20mm Approximate
Weight	: 450g (Including battery) Approximate



Smart Card Reader

Contact-less card reader NFC	: HF/NFC Frequency 13.56Mhz ISO 14443A&15693, NFC-IP1, NFC-IP2
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Specification



Interfaces

4G/3G/2G	: GSM: 850,900,1800,1900 Mhz WCDMA: 850/1900/2100MHz 4G FDD:B1,B3,B7,B20
Wi-Fi 2.4GHz & 5.0 GHz	: Wireless LAN 802.11a/b/g/n/ac, 2.4GHz and 5GHz Dual Frequency
Bluetooth	: Bluetooth 4.2
GNSS	: GPS (AGPs), Beidou navigation
SIM Slot	: 2 x Nano SIM Slot
Debug USB	: 1 x USB type C port for charging and PC Connection as debug port



OS

Android	: Android 14
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Electrical

Power Adapter Range	: Input: 90 to 275V AC , 50/60Hz. with surge protection, Output: 5V, 2A DC
Battery	: Rechargeable Li-ion polymer, 5000mAh



Environmental

Operating Temperature	: 0°C to 50°C
Storage Temperature	: - 20°C to 70°C (without battery)
Humidity (Operating / Storage)	: 5% ~ 95% (Non-Condensing)



Durability

Drop Test	: 1 Meter
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Certifications

Certification	: CE, RoHS, BIS
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