M3 SL25 X / W

Top-tier performance at a smart price - Sleek design, exceptional value, and all the business-ready features in the palm of your hand



- Android 13 to 16 AER/GMS
- 2.2GHz Octacore CPU
- Wi-Fi 6E / 4G
- 4GB RAM /64GB ROM
- 5000mAh Battery Hot-swap
- 6 Inch HD+ Display

A practical mobile computer that strikes the perfect balance between a sleek, smartphone-style design and enterpriseoptimized performance. Ideal for small to mid-sized businesses in retail, logistics, and field services, where both functionality and smart technology are essential. Equipped with key features like Wi-Fi 6E, 4G, and hot-swap battery support, it's a smart choice for reducing your Total Cost of Ownership (TCO). A strategic solution for businesses seeking to boost operational efficiency and on-site productivity.

Powerful Processing and Seamless Connectivity

Equipped with a 2.2GHz Octa-Core processor, it delivers fast and stable performance. Experience smooth, uninterrupted wireless communication with Wi-Fi 6E, NFC, and Bluetooth 5.0. Advanced technologies like OFDMA and BSS Coloring help maintain network speed even in congested environments.

Enhanced Stability and Lower TCO Through OS Support

Continuous OS support ensures a secure and reliable operating environment. It enables seamless use of new applications and features, going beyond simple updates to enhance product stability, reliability, and reduce total cost of ownership (TCO).

Faster, Smarter Barcode Scanning Options

You can choose between the SE4710, which offers approximately twice the barcode capture speed compared to standard smartphone cameras, and the high-performance CM60 2D scan engine. Both options enable fast and reliable one-time capture of nearly all types of barcodes.

Ergonomic Design with a Durable 6-Inch Display

The 6-inch reinforced display delivers responsive touch and lasting durability. Its ergonomic design ensures easy onehanded use and long-term comfort.





Reliable All-Day Power with Hot-Swap Battery Support

Equipped with a 3.85V, 5000mAh battery, it provides stable performance throughout the day. Hot-Swap support allows battery replacement without shutting down the device, minimizing downtime and ensuring continuous productivity in the field.

Reliable Durability in Any Environment

MIL-STD-810H is the latest military-grade standard, building on the foundation of MIL-STD-810G with enhanced and more realistic testing methods. It ensures superior durability and stable performance in even harsher conditions—extreme temperatures, shock, vibration, humidity, and more. Additionally, the Battery Hard Pack features a rugged housing that withstands external impact, along with built-in safety circuitry that ensures stable power supply even in harsh environments—ultimately reducing the total cost of ownership.

Smart Location Management with BLE Beaconing

M3 Mobile's latest device, the SL25, is equipped with Bluetooth Low Energy (BLE) beaconing technology to enable real-time asset tracking and efficient operations. Without the need for device pairing, it ensures stable location tracking across large workspaces and continues to transmit BLE signals even when powered off—supporting accurate indoor positioning with minimal battery consumption. This technology is highly effective for asset identification and location-based automation across industries such as logistics, retail, and transportation.

Real-Time Device Management with the Device Locator App

Built on BLE beaconing, the SL25 comes pre-installed with the Device Locator App, ready to use with no additional setup. The app utilizes BLE signals to provide precise real-time location tracking—even when the device is turned off—and features a remote sound alert function to help quickly locate misplaced devices. It is especially effective in environments requiring simultaneous management of multiple devices, significantly improving productivity and operational safety.

Specification

Physical Characteristics	
Dimensions	79.8 X 170.25 X 14.5mm
Weight	315g (with standard battery)
Display	6 inch, HD+ (1440 x 720)
Touchpanel	supports dual input mode with finger, gloved finger, Corning Gorilla Glass 3
Backlight	LED backlight display / 450cd/m2
Expansion Slot	User accessible MicroSD with 512GB SDXC
SIM Slots (X model Only)	1 nano SIM, 1 eSIM
Network Connections	USB 2.0 High Speed OTG (host/client); Type C connector, WLAN, Bluetooth and WWAN
Notification	Audible tone, multi-color LEDs, vibration
Keypad	On-screen keypad
Buttons	3 programmable side scan keys, Power button
Voice and Audio	Internal speaker, Two microphone with noise cancellation; vibrate alert and Bluetooth wireless headset support; High quality speaker phone; 1 Watt Built-in speaker and microphone

Performance Characteristics	
CPU	2.2 GHz Octa-core processor (MT 8781)
Operating System	Android 13 to 16 with M3 Mobile's StartUp for control over GMS and other services; will support future Android releases.
Memory	4 GB/64 GB Flash
Power	3.85V, 5,000mAh Hot swap support with temporary WWAN/WLAN/Bluetooth session persistence

User Environment	
Operating Temp.	- 20° C to 55° C / -4° F to 131° F
Storage Temp.	- 40°C to 80°C / - 40°F to 176°F
Humidity	5% to 95% non-condensing
Drop Specifications	Multiple 6 ft./1.5 m drops to concrete across the operating temperature range per MIL-STD-810H
Tumble Specification	1,000 3.3 ft. /0.5 m tumbles; meets and exceeds IEC tumble specification
Sealing	IP65
Vibration	Sine: 4g's peak, 5hz to 2khz, Random: .04g²/hz, 20hz to 2khz 60 minute duration per axis, 3 axis
Thermal Shock	-40° C to 80° C / -40° F to 176° F
Electrostatic Discharge (ESD)	+/- 15kv air, +/-8kv contact discharge +/-8kv indirect contact discharge

Interactive Sensor Technology (IST)	
Light Sensor	Automatically adjusts the brightness of the display
Magnetometer sensor	eCompass automatically detects direction and orientation
Motion Sensors	Gyro Sensor, Accelerometers: for X,Y, and Z movement, and gyroscopes for measuring the extent and rate of rotation in space
Proximity Sensor	Detect the presence of nearby objects without any physical contact, during a telephone call, proximity sensors play a role in detecting accidental touchscreen taps

Data Capture	
Scanning	CM60, SE4710(Optional)
Camera	Rear camera 13 MP; front camera 5 MP
NFC	NFC 13.56 MHz ISO 14443 A/B, ISO 15693, Mifare

Wireless WAN Data AND VOICE COMMUNICATIONS	
Radio Frequency Band	2G: GSM900/DCS1800 3G: B1/2/5/8 4G: B1/2(25)/3/4(66)/5/(26)/7/8/12(17)/20/28(A/B)/34/39/40
GNSS	Autonomous, Concurrent GPS; GLONASS; Gallileo; Beidou, (X-Model Only)

Wireless LAN	
Radio	IEEE 802.11 a/b/g/n/ac/ax, 2.4G&5G&6G
Operating Channels (depending on Regulatory)	Channel 1-11 (2412-2462) Channel 36-48(5180-5240) and 149-165(5745-5825)
Security and Encryption	WEP (40 or 104 bit) ; WPA/WPA2 Personal(TKIP, and AES); WPA/WPA2Enterprise (TKIP, and AES) - EAPTTLS (PAP,MSCHAP, MSCHAPv2), EAP-TLS, PE APv0- MSCHAPv2, PE APv1-EAP-GTC, EAP Fast and LEAP
Fast Roam	PMKID caching; Cisco CCKM; 802.11r; OKC

Wireless PAN	
Bluetooth	Bluetooth 5.0, Class 2, BLE for Beaconing

Regulatory	
EMI/EMC	EN 301 489-1; EN 301 489-3; EN 55032; EN 55035 Class A
Electrical Safety	EN 62368-1
RF Exposure	EU: EN 50364, EN 62369-1, EN 50566, EN 62311

Environmental Compliance

Directive 2011/65/EU, Directive(EU)2015/863

Warranty

Subject to the terms of M3 MOBILE's hardware warranty statement, the SL25 series are warranted against defects in workmanship and materials for a period of 1 (one) year from the date of shipment. For complete warranty statemen

Recommended Services

M3 MOBILE speed care Essential and Select: Maximize M3 Mobile device availability, device value and operational efficiency with these fully-featured support services that set the industry bar for support.

M3 Speedpack

M3 Speedpack solutions help you get more value out of our mobile computers by adding functionality as well as simplifying deployment and management of our mobile devices. For more information on these M3 Mobile-only feature.

Application user manual	http://www.m3mobile.net/products /mobile-computer?tpf=product/ view&category_code=10&code=201
Startup PC User Manual	http://www.m3mobile.net/en/ products/solution-support/m3-speedpack
Startup PC for SOTI	http://www.m3mobile.net/en/ products/solution-support/m3-speedpack

M3 Speedpack is available on Android only. Features may vary by model and a Support Contract may be required.

Service Center
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This spec sheet is subject to change, so please contact the person in charge for more accurate information.

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