

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
- 6GB RAM / 128GB ROM
- 5000mAh Battery Hot-swap
- 6 Inch HD+ Display

Featuring a large and vivid 6-inch display with an aluminum LCD panel, it offers exceptional durability that withstands shocks that may occur during work. The SL25 is optimized for small to mid-sized businesses in retail, logistics, and field services, making it ideal for environments that require both functionality and smart technology. Equipped with key features such as Wi-Fi 6E, 4G, and hot-swap battery support, it is a smart choice for effectively reducing Total Cost of Ownership (TCO). A strategic solution for businesses seeking to improve 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. Enjoy seamless wireless communication with Wi-Fi 6E, NFC, and Bluetooth 5.4V

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 one-handed 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

The SL25 is equipped with an aluminum LCD panel, demonstrating exceptional durability by passing drop tests of up to 2,000 times from a height of 0.5 meters and 1,000 times from 1 meter (with boots), outperforming competitors' products that use magnesium panels. It is also certified with the latest military-grade standard, MIL-STD-810H, which is a more rigorous and realistic testing protocol compared to the previous MIL-STD-810G. This ensures reliable performance and outstanding durability even under extreme conditions such as severe temperatures, shocks, vibrations, and humidity.

In addition, the battery hard pack features a rugged housing that withstands external impacts and a built-in safety circuit that ensures stable power supply even in harsh environments, ultimately contributing to reduced Total Cost of Ownership (TCO).

Smart Location Management with BLE Beacons

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 1TB 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	6 GB/128 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	1.5m, 1.8m (with Boots)
Tumble Specification	2,000 times 1.6ft / 0.5M (Without Boots) 1,000 times 3.2ft / 1M (With Boots)
Sealing	IP65, IP67 (Optional)
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 d/e/h/i/k/mc/r/v/w, 2.4G&5G&6G WIFI 6E
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 (PAPMSCHAP, MSCHAPv2), EAP-TLS, PE APv0- MSCHAPv2, PE APv1- EAP-GTC, EAP Fast and LEAP

Fast Roam	PMKID caching; Cisco CCKM; 802.11r; OKC
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Wireless PAN	
Bluetooth	Bluetooth v5.4 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 statement

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
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Startup PC User Manual	http://www.m3mobile.net/en/products/solution-support/m3-speedpack
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Startup PC for SOTI	http://www.m3mobile.net/en/products/solution-support/m3-speedpack
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M3 Speedpack is available on Android only. Features may vary by model and a Support Contract may be required.

Service Center

Chun-ui Techno Park 201-610, 202, Chunui-dong, Wonmi-gu, Bucheon, Gyeonggi-do, 420-857, Korea Tel: +82 32 623 0037 Fax: +82 70 4015 6323

Web site <http://itc.m3mobile.net>

E-mail Information Technology Team: it@m3mobile.co.kr

Customer Service Team: cs@m3mobile.co.kr

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

Accessories

(Appearance can be changed.)



1 slot cradle



4 slot cradle



Boots



Trigger Handle

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