M3 SL20K X/W

_NETSelekt.pl

Lightweight and rugged ergonomic design for a mobile computer.



- **Android 13 to 15GMS/AER**
- **Octa core CPU**
- **4GB RAM / 64GB ROM**
- **30 Keys keypad**
- **2D Imager**
- **5,200mAh Large Battery**
- **2 nano SIM**

M3 Mobile's SL20K is the keypad version of the successful SL20, built on the proven success of its predecessor. This comprehensive terminal is designed to cater to a wide range of applications, from retail stores to small and large-scale warehouse operations. With its ergonomic design and 30 front keys, including 8 function and a star key for user convenience, the SL20K offers infinite customization possibilities to adapt to the user's specific environment. Additionally, users can benefit from convenient support from deployment to on-site operations through the SPEEDPACK application.

2.0 GHz CPU and the Android 13 to 15

Capable of fast performance and robust security simultaneously, with a 2.0 GHz processor and support for the latest Android 13 to 15.

Ergonomic design and practical keypad

The user-friendly design includes a rear grip for comfortable support while using the keypad. With 8 programmable function and a star key that can be utilized in various environments, users can access desired and convenient functions. Additionally, custom settings for the side keys are also available.

Ultimate solution, M3 SPEEDPACK

Manage your devices effortlessly with M3 SPEEDPACK, M3's proprietary application solution. Easily configure thousands of devices at once with just a few barcode scans, and enhance productivity and efficiency with various application tools.

High-capacity battery & lightweight & Fast charging

SL20K is an innovative product that combines long battery life, excellent portability, and fast charging capabilities. Equipped with a high-capacity 5,200mAh battery, it allows for continuous use during work hours, and compared to similar products, it is approximately 50g lighter, enhancing its portability. Additionally, with its 20W fast charging feature, users can rest assured that they won't need to worry much about charging time.

Backlit keypad

The backlit keypad allows clear visibility of keys even in dark or dim working environments. The illumination enables precise keypad identification, reducing errors during tasks and facilitating rapid data input.

Support for Android security and updates

Continuously providing security updates from the operating system to ensure the device is securely protected, and offering future Android versions.

Specification

Physical Characteristics	
Dimensions	162.3 x 17.2 x 66mm
Weight	266.5g
Display	4in. color WVGA (480 x 800)
Touchpanel	Corning® Gorilla® Glass supports dual input mode with finger, gloved finger
Backlight	LED backlight display - 450cd/m2
Expansion Slot	User accessible MicroSD up to 256GB SDXC
SIM Slots (X model only)	2 nano SIM
Network Connections	USB 2.0 High Speed OTG (host/client), WLAN, Bluetooth and WWAN(X model only)
Notification	Audible tone, multi-color LEDs, vibration
Keypad	30keys Keypad, On-screen keypad
Buttons	5 programmable side scan keys
Voice	Internal speaker, Two microphone with noise cancellation; vibrate alert and Bluetooth wireless headset support; High quality speaker phone
Audio	1 Watt Built-in speaker and microphone

Performance Characteristics	
CPU	4 X 2.0GHz Cortex-A53 + 4 X 1.5GHz Cortex-A53
Operating System	Android 13 to 15 with M3 Mobile's StartUp for control over GMS and other services; will support future Android releases. * Subject to technical feasibility
Memory	4 GB/64 GB Flash
Power	5200mAh Hot swap support with temporary Fast Charging PD (20W) Supports WWAN/WLAN/Bluetooth session persistence

User Environment	
Operating Temp.	-20°C to 50°C (-4° F to 131° F)
Storage Temp.	-30°C to 80°C (-22°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-810G
Tumble Specification	1,000 3.3 ft. /0.5 m tumbles (2,000 times); 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° F to 176° F/-40° C to 80° C rapid transition
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	2D Imager
Camera	Rear camera 13 MP; front camera 5 MP
NFC	ISO 14443 A/B, ISO 15693, Mifare

Wireless WAN Data AND VOICE COMMUNICATIONS (X model only)	
Radio Frequency Band	Support VoLTE LTE FDD: 700/800/850/900/1700/1800/1900/2100/2600 (1/2/3/4/5/7/8/19/20/28); LTE TDD: 1600/2300/2500 (38/40/41); UMTS/HSDPA/HSPA+: 850/900/1800/1900/2100(1/2/3/4/5/8); GSM/GPRS/EDGE: 850/900/1800/1900 (2/3/5/8);
GNSS	GPS, A-GPS, GLONASS, GALLIEO, BEIDOU

Wireless LAN	
Radio	IEEE 802.11 802.11 a/b/g/n/ac/d/e/h/i/j/k/r/v, IPv4, IPv6, 1X1 MU-MIMO
Operating Channels (depending on Regulatory)	56,60,64,100,104,108,112,116,120,124,128,132,136,140,144,149,153,157,161,165 Channel Bandwidth: 20, 40, 80 MHz Actual operating channels/ frequencies and bandwidths depend on regulatory rules and certification agency.
Security and Encryption	WEP (40 or 104 bit); WPA/WPA2 Personal (TKIP, and AES); WPA/WPA2 Enterprise (TKIP and AES) – EAP-TTLS (PAP, MSCHAP, MSCHAPv2), EAP-TLS, PEAPv0-MSCHAPv2, PEAPv1-EAP-GTC and LEAP.EAP-PWD
Fast Roam	PMKID caching; Cisco CCKM; 802.11r; OKC

Wireless PAN	
Bluetooth	Bluetooth 5.0 BLE, Class 2

Regulatory	
EMI/EMC	EN 301 489-1; EN 301 489-3; EN 301 489-19; EN 301 489-52; EN 50332-2; EN IEC 61000-3-2; EN 61000-3-3; EN 55032; EN 55035 Class B
Electrical Safety	EN 62368-1
RF Exposure	EN 50360; EN 50566; EN62209-1; EN 62209-2; EN IEC/IEEE 62209-1528, 1999/519/EC; EN 50665; EN 62311

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

Warranty
Subject to the terms of M3Mobile's hardware warranty statement, the SL20K 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

M3Mobile speed care Essential and Select: Maximize M3Mobile 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 M3Mobile-only feature."

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

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Web site http://itc.m3mobile.net
E-mail Information Technology Team: it@m3mobile.co.kr
Customer Service Team: cs@m3mobile.co.kr

Accessories

(Appearance can be changed.)



1-Slot Charging Cradle
SL2K-1CRD-C00



2-Slot Charging & USB Cradle
SL2K-2CRD-CC0



Trigger Handle
SL2K-TRIG-S00



8-Slot Charging Cradle
SL2K-8CRD-C00



8-Slot Charging & Ethernet Cradle
SL2K-8CRD-E00

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