

*Speed is Power*

# M3 MOBILE

2024 Ver.1



# Product Catalog

[www.m3mobile.net](http://www.m3mobile.net)

“M3 Mobile is a world-class industrial mobile computer manufacturing company that has been successful for 24 years.

We do Design, Development, Production, Sales, Maintenance directly.”

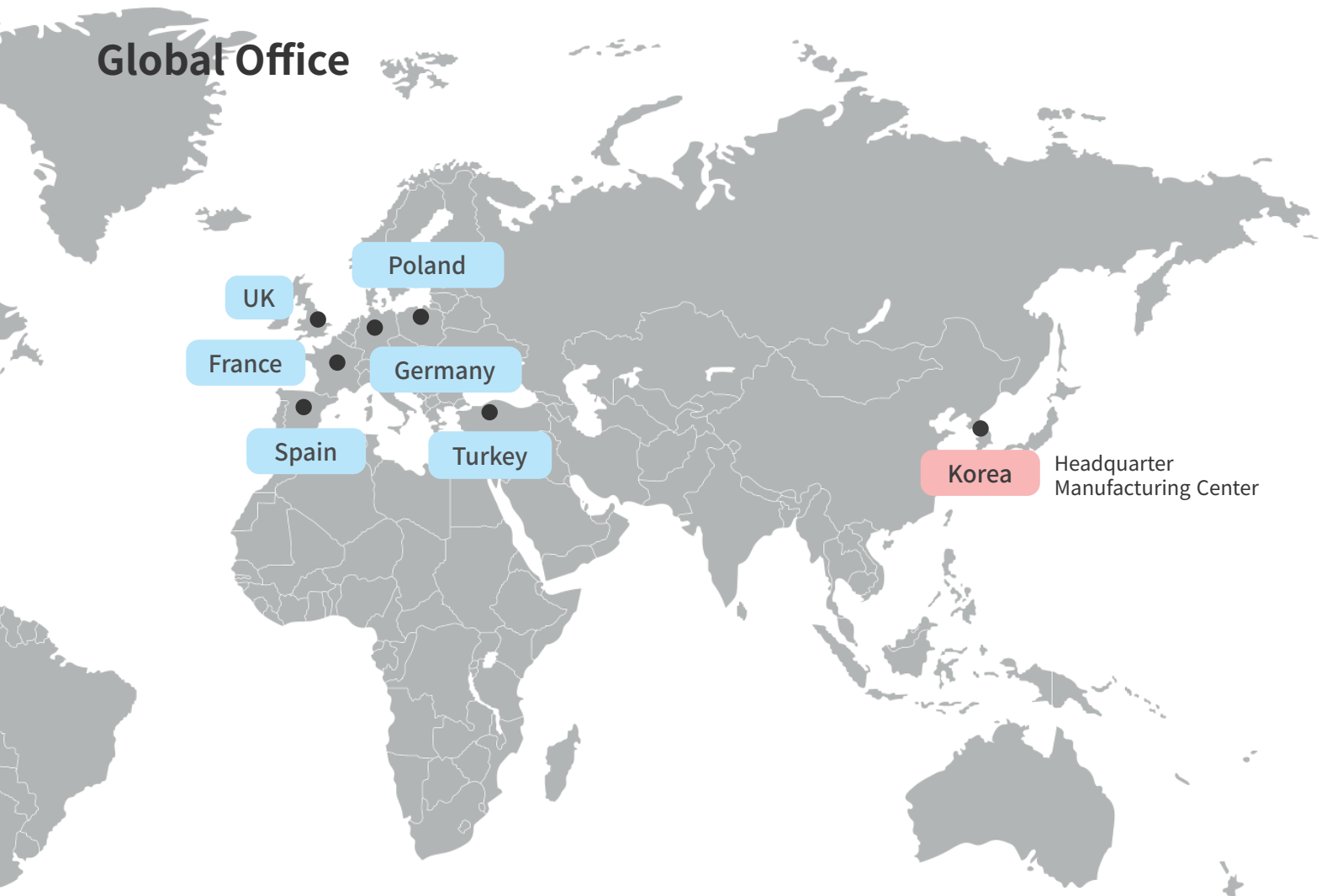
**Sung-Jea, Cho**

President & CEO, M3 Mobile Co., Ltd.

## Corporate History

- 2024** Launched Wearable and Kiosk Devices
- 2023** Enhanced Lineup of Android Devices
- 2019** Launched Ultra Rugged Android Devices
- 2018** Launched High-End Performance Octa core (2.2GHz) Devices
- 2016** Launched Android Full Touch LCD Mobile Computer
- 2013** Global Top 5 Level
- 2010** Established Europe Subsidiary (UK, Germany)
- 2006** Launched the industry's first RFID built-in mobile computer
- 2004** Launched the world's slimmest mobile computer
- 2000** Established Mobile Compia

## Global Office



## Application Area

### Logistics

- Parcel Delivery
- 3PL

### Manufacturing

- Vehicle Industry
- Stationery
- Building Yards

### Government

- Meter Reading
- Post Office
- Railway
- Military
- Police

### Service

- Hospitality
- Asset Management
- Pharmaceutical

### ETC.

- Waste Management
- Survey
- Sports
- Cable TV

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# ***SPEED IS POWER***



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SL20X, SL20W

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OX10-1G (ORANGE)

Speed Pack

Service Package





# PRODUCT LINE UP

		SL20K X/W	WR10	WD10
Performance characteristics	CPU	2.0 GHz Quad core + 1.5GHz Quad core (Octa core)	-	2.0 GHz Quad core
	OS	Android 13	-	Android 13 to 15
Physical characteristics	Memory (RAM/ROM)	4 GB / 64 GB	-	4 GB / 64 GB
	Dimension (LxWxD)	66 x 162.3 x 17.2 mm	70.7 x 33 x 22.1 mm	TBD
	Weight	266.5 g (including battery)	73g (including battery + finger trigger)	TBD
	Display	4-inch WGA (480 x 800)	-	4-inch WGA (800 x 480)
	TouchPanel	Corning Gorilla Glass / Capacitive multi-touch / Glove, Wet	-	Corning Gorilla Glass / Capacitive multi-touch / Glove, Wet
	Power	5,200mAh / Fast Charging Support	1000mAh	3.6 V / 3,350mAh
	Hotswap	O	-	O
	Expansion Slot	MicroSD with up to 1TB	-	MicroSD with up to 1TB
	SIM/SAM	2 nano SIM	-	1 SIM
Wireless WAN data and voice communications	Radio Frequency	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); (X Model Only)	-	GSM : B3 / 5 / 8 WCDMA : B1 / 5 / 8 LTE-FDD: B1 / 3 / 5 / 7 / 8 / 20 LTE-TDD : B38 / 40 / 41
	GPS	GPS, A-GPS, GLONASS, GALLIEO, BEIDOU (X Model Only)	-	GPS , A-GPS, GLONASS, Galileo, 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	-	IEEE 802.11 a/b/g/n/ac
Wireless PAN	Bluetooth	Bluetooth 5.0	Bluetooth 5.2	Bluetooth 5.0
Wired LAN	Ethernet	O	-	O
Data capture	Scanning	SE4710, E4	SE4107, SE5500	-
	Camera	Rear camera 13 MP; front camera 5 MP	-	Rear CAM 13 M pixels
	RFID	ISO 14443 A/B, ISO 15693, Mifare	HF(13.56MHz)	NFC(13.56MHz)
User Environment	Operating Temp	-20 °C to 50 °C (-4 °F to 131 °F)	-20°C to 50°C (-4 °F to 131 °F)	-20 °C to 55 °C (-4 °F to 131 °F)
	Storage Temp	-30 °C to 80 °C (-22 °F to 176 °F)	-40°C to 70°C (-40°F to 158°F)	-30 °C to 75 °C (-22 °F to 167 °F)
	Humidity	5% to 95% RH (Non-condensing)	5% to 95% RH (Non-condensing)	5% to 95% RH (Non-condensing)
	Drop Spec	1.5m	1.5m	1.5m
	Tumble Spec	0.5M/1000Cycle	0.5M/1000Cycle	0.5M/1000Cycle
	Sealing	IP65	IP65	IP65
Accessories		1-Slot Cradle, 2-Slot Cradle, 8-Slot Charging Cradle, 8-Slot Charging & Ethernet Cradle, Trigger Handle, Handstrap, LCD Protect Film	Ring trigger, Neck strap, 8-Slot battery charger, 32-Slot battery charger, Drop prevention wrist strap, USB cable	LCD Protect Film, Wrist mount, 4-Slot battery charger, 16-Slot battery charger, USB cable

# PRODUCT LINE UP

		PC10	SM20 X/F	SL20 X/W
Performance characteristics	CPU	2.0 GHz Octa core	2.0 GHz Octa core	2.3 GHz Octa core
	OS	Android 13	Android 11 to 13	Android 11 to 13
Physical characteristics	Memory (RAM/ROM)	4 GB / 64 GB	4 GB / 64 GB	4 GB / 64 GB
	Dimension (LxWxD)	281 x 206 x 38.5mm	76.4 x 154.6 x 22 mm	72.7 x 156.8 x 17.55 mm
	Weight	704g	266.1 g (2D-4710 Scanner with Standard battery) 309.3 g (2D-4710 Scanner with Extended battery) 268.4 g (Smart focus Scanner with Standard battery) 311.6 g (Smart focus Scanner with Extended battery)	250 g (including extended battery)
	Display	10.1" FHD(1920 x 1200)	5-inch HD (1280 x 720)	5.45-inch HD (1440 x 720)
	TouchPanel	Capacitive multi-touch, Glove	Corning Gorilla Glass / Capacitive multi-touch / Glove, Wet, Stylus	Corning Gorilla Glass / Capacitive multi-touch / Glove, Wet
	Power	Adaptor - 24V / 1.5A Ethernet(100M) * 1 / 802.3at POE RJ45(20W)	3.8 V / 4,100mAh, 6,150mAh(Optional)	3.8 V / 5,000mAh
	Hotswap	-	O	O
	Expansion Slot	MicroSD with up to 1TB	MicroSD with 32GB SDHC and up to 512GB SDXC	MicroSD with up to 1TB
	SIM/SAM	-	1 Mini SIM and 1 eSIM	1 nano SIM, 1 PSAM (X-Model Only)
	Keypad Side Key	2 function keys	Volume + / - key, Camera key, Power key 2 Scanner keys (Left, Right), Bottom keys (Home, Back, Menu, Enter (Scan))	On-screen keypad Buttons : 5 programmable side scan keys + power button
Wireless WAN data and voice communications	Radio Frequency	-	Support VoLTE LTE FDD: 800/850/900/1800/2100/2600 (1/3/5/7/8/20); LTE TDD: 2600 (38); UMTS/HSDPA/HSPA+: 850/900/2100(1/5/8); GSM/GPRS/EDGE: 850/900/1800 (3/5/8);	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); (X-Model Only)
	GPS	-	GPS/Glonass/BeiDou/Galileo/QZSS/SBAS/NavIC(IRNSS)	Autonomous, Concurrent GPS; GLONASS; Galileo; Beidou, and A-GPS (X-Model Only)
Wireless LAN	Radio	IEEE 802.11 a/b/g/n/ac	IEEE 802.11 a/b/g/n/ac/d/e/h/i/j/k/r/w, ax-ready	IEEE 802.11 802.11 a/b/g/n/ac/d/e/h/i/j/k/r/v, IPv4, IPv6, 1X1 MU-MIMO
Wireless PAN	Bluetooth	Bluetooth 5.0	Bluetooth 5.1	Bluetooth 5.0
Wired LAN	Ethernet	O	O	O
Data capture	Scanning	SE4710, CM30	SE4710, SE55	SE4710
	Camera	Front 8MP	Front CAM : 5M pixels, Rear CAM 16 M pixels auto-focus (PDAF)	Front CAM : 5M pixels, Rear CAM 13 M pixels auto-focus
	RFID	HF (13.56MHz)	ISO 14443 A/B, ISO 15693, Mifare, P2P mode and Card Emulation via Host (HCE) support	ISO 14443 A/B, ISO 15693, Mifare, P2P mode and Card Emulation via Host (HCE) support
User Environment	Operating Temp	0 °C to 50 °C (32 °F to 122 °F)	-20 °C to 60 °C (-4 °F to 140 °F) -30 °C to 60 °C (-22 °F to 140 °F) SM20F	-20 °C to 55 °C (-4 °F to 131 °F)
	Storage Temp	-20 °C to 60 °C (-4 °F to 140 °F)	-30 °C to 80 °C (-22 °F to 176 °F) -40 °C to 80 °C (-40 °F to 176 °F) SM20F	-40 °C to 75 °C (-40 °F to 167 °F)
	Humidity	10% to 90% RH (Non-condensing)	5% to 95% RH (Non-condensing)	5% to 95% RH (Non-condensing)
	Drop Spec	-	1.2m / 1.8m (with bumper boot)	1.5m / 1.8m (with bumper boot)
	Tumble Spec	-	0.5M/1000Cycle, 1M/500Cycle (with Boots)	0.5M/1000Cycle
	Sealing	Front only IP54	IP65	IP67
Accessories		VESA Mount	Power Supply, USB Cable, Stylus pen, Vehicle cradle, Protective Boot, Hand strap, Screen Protector, Battery, NFC Battery cover, 2 Slot Cradle, 8 Slot Cradle, 2 Slot Ethernet Cradle, 2 Slot HDMI Cradle, 8Slot Ethernet Cradle, Scanning Trigger Handle, UHF Trigger Handle, UHF Snap On, USB Charging, Snap On	Power Supply, USB Cable, Screen Protector, Hand strap, Battery, 2 Slot Cradle, 2 Slot Ethernet Cradle, 1Slot Cradle, 8 Slot Cradle, 8 Slot Ethernet Cradle, Rubber Boot, Trigger Handle

# PRODUCT LINE UP

		US20X/W	UL20X/FX/F/W
			
Performance characteristics	CPU	2.2 GHz Octa-core processor	2.2 GHz Octa-core processor / 2.0 GHz Octa core (W Model)
	OS	Android 10 with M3Mobile's StartUp for control over GMS and other services; will support future Android releases.	Android 8.1, 9.0 GMS and 10 GMS
Physical characteristics	Memory (RAM/ROM)	4 GB/64 GB	4 GB/64 GB / 2 GB / 16 GB (W Model)
	Dimension (LxWxD)	74 * 197.2 * 35.3mm	88.7 x 244.75 x 46.19 mm
	Weight	450g (LR Scanner with Extended battery) 416g (2D Scanner with Extended battery) 403g (LR Scanner with Standard battery) 369g (2D Scanner with Standard battery)	530g (2D Scanner), 580g (Long-range Scanner)
	Display	4-inch WVGA (480 x 800)	5-inch FHD (1920 x 1080)
	TouchPanel	Corning Gorilla Glass supports dual input mode with finger, gloved finger and stylus (conductive stylus sold separately)	Corning Gorilla Glass 3 / Capacitive multi-touch / Glove, Wet, Stylus
	Power	Li-Ion 3.6V, 6,700mAh	Li-ion 3.6 V / 6,700 mAh F, FX Model Designed for high-performance in low temperatures
	Hotswap	O	O
	Expansion Slot	MicroSD with 32GB SDHC and up to 512GB SDXC	Micro SD
	SIM/SAM	2 micro SIM (X model only)	2 SIM (UL20X, FX MODEL Only)
	Keypad	Numeric (30 key), Function Numeric (42 key), Alpha Numeric (51 key)	35 Key Alpha Numeric Function Keypad, 6 Side Key (28, 53 Key available)
	Side Key	Two programmable side scan keys	Volume / Scan / Scroll
Wireless WAN data and voice communications	Radio Frequency	LTE FDD: 800/850/900/1800/2100/2600 (1/3/5/7/8/20); LTE TDD: 1600/2300/2500 (38/40/41); UMTS/HSDPA/HSPA+/GSM/GPRS/EDGE;	LTE / UMTS / HSPA+ / GSM / GPRS / EDGE (UL20X, FX MODEL Only)
	GPS	Autonomous, Concurrent GPS; GLONASS; Galileo; Beidou, and A-GPS	GPS, A-GPS, GLONASS, BEIDOU (UL20X, FX MODEL Only)
Wireless LAN	Radio	802.11 a/b/g/n/ac/d/e/h/i/k/r/w, IPv4, IPv6, MU-MIMO	IEEE 802.11 a/b/g/n/ac/d/e/h/i/k/r/w
Wireless PAN	Bluetooth	Class 2, Bluetooth v4.1 with BR/EDR and Bluetooth Low Energy (BLE) Support	Class II 4.1 LE
Wired LAN	Ethernet	O	O
Data capture	Scanning	0° Scan (Straight Shooter): SE4770, SE4850 45° Scan: SE4770	2D Imager, Long-range Scanner (SE4850)
	Camera	16 M pixels auto-focus (AF), PDAF	Rear - 16.0MP Auto Focus
	RFID	ISO 14443 A/B, ISO 15693, Mifare, P2P mode and Card Emulation via Host (HCE) support	NFC (13.56MHz) Peer-to-peer, card reader, card emulation ISO 14443 A / B, ISO 15693
User Environment	Operating Temp	-4° F to 140° F/-20° C to 60° C	-20 °C to 60 °C (-4 °F to 140 °F)
	Storage Temp	-22°F to 176°F/-30°C to 80°C	-30 °C to 80 °C (-22 °F to 176 °F)
	Humidity	5% to 95% RH (Non-condensing)	95 % non-condensing
	Drop Spec	1.8 m	2 m
	Tumble Spec	3,000 3.3 ft. /1.0 m tumbles; meets and exceeds IEC tumble specification	2,000 3.2ft./1.0m tumbles(4,000 Drops)
	Sealing	IP65	IP67
Accessories		Power Supply, USB Cable, Standard Battery, Extended Battery, 2 Slot Cradle, 5 Slot Cradle, 4 Slot Battery Charger, Trigger Handle, Holster, Hand Strap	Power Supply, USB Cable, Stylus Pen, Screen Protector, Standard Battery, 2 Slot Cradle, 8 Slot Cradle, Trigger Handle, Snap On, Keypad (These accessories are subject to change upon development plan.), Forklift Cradle, Vehicle Cradle, Battery Charger, Holster, Wire Plate

# PRODUCT LINE UP

		BK10	OX10-1G
Performance characteristics	CPU	1 GHz	1 GHz
	OS	Window CE 6.0	Window CE 6.0
Physical characteristics	Memory (RAM/ROM)	256MB (Option : 512MB) / 8 GB	512 MB / 4 GB
	Dimension (LxWxD)	75.3 x 165.8 x 26 mm	78.6 x 165.5 x 24.9 mm 78.6 x 165.5 x 40.2 mm (with HF) 78.6 x 165.5 x 38.9 mm (with UHF)
	Weight	322g / 11.7 oz.(standard battery) 336g / 11.8 oz.(extended battery)	332g / 11.7oz. 362g / 12.7oz. (with HF) 389g / 13.7oz. (with UHF)
	Display	3.5-inch VGA (480 x 640) QVGA (240 x 320)	3.5-inch VGA (480 x 640) QVGA (240 x 320)
	TouchPanel	Resistive touch	Resistive touch
	Power	Li-polymer 3.7 V / 3,400 mAh (standard battery) Li-polymer 3.7 V / 5,100 mAh (Extended battery)	Li-polymer 3.7 V / 3,300 mAh (standard battery)
	Hotswap	O	O
	Expansion Slot	Micro SD	Micro SD
	SIM/SAM	1 SIM	1 SIM
	Keypad	34 Key Alpha Numeric, 5 Side Key 53 Key Qwerty, 5 Side Key	31 Key Alpha Numeric, 4 Side Key 50 Key Qwerty, 4 Side Key
	Side Key	Volume / Scan / CAM	Volume / Scan / CAM
Wireless WAN data and voice communications	Radio Frequency	-	-
	GPS	-	-
Wireless LAN	Radio	802.11 a/b/g/n	802.11 a/b/g/n
Wireless PAN	Bluetooth	-	-
Wired LAN	Ethernet	O	O
Data capture	Scanning	1D / 2D	1D / 2D
	Camera	-	-
	RFID	N/A	N/A
User Environment	Operating Temp	- 20 to 60°C / - 4 to 140°F	- 20 to 60°C / - 4 to 140°F
	Storage Temp	- 30 to 80°C / - 22 to 176°F	- 30 to 80°C / - 22 to 176°F
	Humidity	95 % non-condensing	93% non-condensing
	Drop Spec	2M / 6.6ft	1.5m / 5ft
	Tumble Spec	2,000 1.6ft/0.5m tumbles (4,000 drops)	1,000 1.6ft/0.5m tumbles (2,000 drops)
	Sealing	IP65	IP65
Accessories		Power Supply, USB Cable, Stylus pen, Vehicle cradle, Fabric case, Leather case, Screen Protector, Standard Battery, Extended Battery, 2 Slot Cradle, 8Slot Cradle, 2 Slot Ethernet Cradle, 8Slot Ethernet Cradle, Scanning Trigger	Power Supply, USB Cable, Stylus pen, Vehicle cradle, Screen Protector, Standard Battery, 2 Slot Cradle, 8Slot Cradle, Scanning Trigger, UHF Gun Reader

# M3 New Products

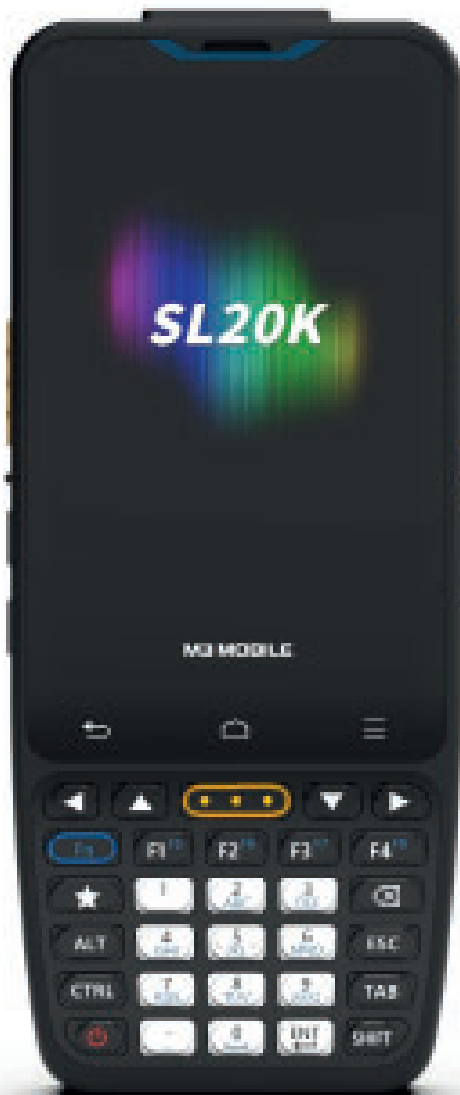
## SL20K

Lightweight, completely designed Handheld Mobile Computer

2.0 GHz Octa-core processor  
4 GB / 64 GB Flash

5200mAh Hot swap support  
4 inch WVGA Gorilla® Glass

Android 13



### Optimal Performance for Seamless Usage

Equipped with the latest operating system, Android 13 (with support for future Android versions), a powerful 2.0 GHz octa-core processor, and a generous 64GB ROM / 4GB RAM, this device delivers abundant performance for any environment. Experience a smooth and efficient user experience, no matter the task at hand.

### From Retail to Small Warehouses

This lightweight and compact device offers smooth usability across various settings, from retail establishments to small warehouses. Its optimized design ensures effortless operation, making it the perfect terminal for a wide range of applications. Enjoy uninterrupted usage and enhanced efficiency throughout your operations.

### Exquisite Design and Ergonomic Product

Providing Users with Unparalleled Aesthetic Sensibility and Maximum Satisfaction through Rarely Found Industry-Leading Aesthetics and Ergonomic Keypads and Components.

### Large Capacity

Experience problem-free usage for extended periods with the aid of a high-capacity 5200mAh battery and optimized program design. This exceptional combination ensures a product that can be used without any issues for prolonged periods of time.

SL20K is the epitome of excellence, leaving no room for compromise when it comes to convenience, performance, ergonomic design, and aesthetic perfection. It is the ultimate choice that will seamlessly integrate into all facets of your business, ensuring optimal results. With SL20K, you can trust that you have made the best decision for your diverse business requirements, always delivering top-notch performance.

## Specification

SL20K -X,-W	
CPU	2.0 GHz Quad core + 1.5GHz Quad core (Octa core)
OS	Android 13 GMS/AER
Memory (RAM/ROM)	4 GB / 64 GB
Dimension (LxWxD)	162.3 x 17.2 x 66mm
Weight	266.5g
Display	4-inch color WVGA (480 x 800)
TouchPanel	Corning Gorilla Glass / Capacitive multi-touch / Glove, Finger
Backlight	LED backlight display / 400cd/m2
Power	Li-ion 3.85 V / 5,200mAh / Hotswap
Expansion Slot	User accessible MicroSD with 1TB
SIM/SAM	2 nano SIM
Keypad & Side Key	30keys Keypad, On-screen keypad, 5 programmable side scan keys
Connections	USB 2.0 High Speed OTG (host/client); Type C connector, WLAN, Bluetooth and WWAN
Wireless Lan Radio Frequency Band	IEEE 802.11 802.11 a/b/g/n/ac/d/e/h/i/j/k/r/v, IPv4, IPv6, 1X1 MU-MIMO
Operating	Channel 1-13 (2412-2472 MHz): 1,2,3,4,5,6,7,8,9,10,11,12,13 Channel 36-165 (5180-5825 MHz): 36,40,44,48,52
Wireless WAN Data and Voice Communications	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);
Radio Frequency Band	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); (SL20K-X only)
GPS	Autonomous, Concurrent GPS; GLONASS; Galileo; Beidou and A-GPS (SL20K-X only)
Bluetooth	Bluetooth 5.0 BLE, Class 2
Scanning	SE4710 imager (1D and 2D), E4
Camera	Rear camera 13 MP; front camera 5 MP
RFID	ISO 14443 A/B, ISO 15693, Mifare
Operating Temp	-4° F to 131° F/-20° C to 50°
Storage Temp	-40°F to 167°F/-40°C to 70°C
Humidity	5% to 95% RH (Non-condensing)
Drop Spec	Multiple 6 ft./1.5 m drops to concrete across the operating temperature range per MIL-STD-810G
Tumble Spec	1,000 3.3 ft. /0.5 m tumbles; meets and exceeds IEC tumble specification
Sealing	IP65

# M3 New Products

## WR10

### Durable ring scanner with a lightweight and sophisticated design

Zero-Second Boot  
1000mAh High-Capacity Battery  
Super Lightweight

2D Scanner / Smart Focus  
Magnetic One-Touch Battery



### Excellent scanning performance

The M3Mobile ring scanner delves deeper into the essence of scanning when compared to other products. It offers a versatile multi-player experience with the option to choose between an 2D scanner equipped with an excellent scanning engine and an all-encompassing Smart Focus scanner that allows for scanning freely within a range of 5.6cm to 12.2m.

### Fast and easy operation for convenient use

Because of the magnetic one-touch battery design, the ring scanner allows for extremely convenient detachment and attachment of the battery. Moreover, after attaching the battery, it is immediately usable with zero-second booting. The symmetrical design of the finger button and holder ensures perfect functionality for both left and right hands. Additionally, the lightweight design enables users to work comfortably for extended periods.

### Large-capacity battery

The M3Mobile ring scanner, in comparison to products from other brands, features a 20% to 30% larger battery while maintaining a lightweight design, enabling comfortable operation for extended periods. Additionally, its low-power design with Bluetooth 5.2 ensures a longer operational time.

### Collection of smart technologies

The ring scanner is equipped with various smart features, ranging from automatically notifying users about battery replacement reminders to efficient and secure management with smart batteries. It also includes smart charging capabilities. Additionally, it features technologies like Tap2Pair and Scan2Pair for convenient use, enhancing the overall user experience with added comfort and smart functionality.

The latest ring scanner from M3 is designed with a modern and sophisticated aesthetic. The larger battery capacity and lighter weight enhance convenience when compared to products from other manufacturers. The finger button provides a perfect fit and allows for easy use with the magnetic one-touch feature during battery replacement. Additionally, it offers instant usability through the zero-second booting function. The M3 ring scanner is a versatile device that supports 2D scanning and Smart Focus scanning, making it a recommended choice with its combination of sleek design and innovative technology.



## Specification

WR10	
Dimension (LxWxD)	70.7 x 33 x 22.1mm
Weight	73g (Scanner & Battery & Trigger)
Notification	3 RGB LEDs located, Beeper, Vibrator
Power	1000mAh Standard
Paring	NFC; Tap to pair
Scan Triggering	Manual ambidextrous trigger
Buttons	Paring, Scanner Button
Connections	Type C connector, Bluetooth and NFC
Bluetooth	Bluetooth BLE V5.2
Scanning	2D Imager (SE4107, SE5500)
RFID	HF(13.56MHz)
Operating Temp	-20°C to 50°C (-4° F to 131° F)
Storage Temp	-40°C to 70°C (-40°F to 158°F)
Humidity	5% to 95% RH (Non-condensing)
Drop Spec	Multiple 6 ft./1.5 m drops to concrete across the operating temperature range per MIL-STD-810G
Tumble Spec	1,000 3.3 ft. /0.5 m tumbles; meets and exceeds IEC tumble specification
Sealing	IP65



# M3 New Products

## WD10

Experience the perfect blend of lightweight design and advanced functionality with our wearable device.

**WWAN / WLAN Support**  
**4 GB / 64 GB Flash**

**3350mAh Smart Battery**  
**4 inch WVGA Gorilla® Glass**

**Android 13 to 15**



### Enhanced security, improved performance

Through the latest security patches, protection against potential vulnerabilities and security threats is ensured. Additionally, it can operate faster and more efficiently, and app launch speeds can also be improved

### Portability and Convenience

By wearing it on the wrist, it can be easily carried around, providing enhanced portability without the need to carry a large-sized device. Wearing it on the wrist allows for immediate usage when needed.

### Cost Savings, Environmental Friendliness

Compact yet fully equipped. With a 4-inch screen, 13MP rear camera, and even support for earphones, it's packed with features without being heavy, alleviating strain on the wrist. For more efficient use, you can also connect a keypad.

### Notifications and Alerts

Real-time notifications and alerts can be received. With notifications such as calls, messages, and app alerts visible on the wrist, important information can be checked without the need to retrieve a separate device.

Optimized security and performance with swift app launches. Worn on the wrist for easy portability, it's cost-effective, environmentally friendly, and fully equipped. Receive real-time notifications without the need for a separate device.

## Specification

WD10	
CPU	Quad Core 2.0 GHz
OS	Android 13 to 15
Memory (RAM/ROM)	4 GB / 64 GB
Dimension (LxWxD)	TBD
Weight	TBD
Display	4-inch color WVGA (800 x 480)
TouchPanel	Corning Gorilla Glass / Capacitive multi-touch / Glove, Finger
Backlight	LED backlight display / 500cd/m2
Power	Li-ion 3.6 V / 3,350mAh Smart Battery / Hotswap
Expansion Slot	User accessible MicroSD with 1TB
SIM/SAM	1 SIM
Keypad & Side Key	12keys Keypad, 5 Funktion keys, Power Key
Connections	USB 2.0 High Speed OTG (host/client); Type C connector, WLAN, Bluetooth and WWAN
Wireless Lan Radio Frequency Band	IEEE 802.11 a/b/g/n/ac
Wireless WAN Data and Voice Communications Radio Frequency Band	GSM : B3 / 5 / 8 WCDMA : B1 / 5 / 8 LTE-FDD: B1 / 3 / 5 / 7 / 8 / 20 LTE-TDD : B38 / 40 / 41
GPS	GPS , A-GPS, GLONASS, Galileo, Beidou
Bluetooth	Bluetooth 5.0
Camera	Rear camera 13 MP
RFID	NFC(13.56MHz)
Operating Temp	-20°C to 55°C
Storage Temp	-30°C to 75°C
Humidity	5% to 95% RH (Non-condensing)
Drop Spec	1.5 m
Tumble Spec	1,000 3.3 ft. /0.5 m tumbles; meets and exceeds
Sealing	IP65

\*Scheduled for release in 2024.

# M3 New Products

## PC10

Clear Information Delivery / Swift Curiosity Resolver

Octa-core Processors  
DDR4X 4 GB / 64 GB Flash

10.1 inch FHD+ IPS  
Wi-Fi & NFC Support

Android 13



### Reliable Android Platform

With an optimized fast CPU and a stable Android version, the Price Checker provides optimal performance support for customers' needs. M3 Mobile continues to provide security updates to protect the device, ensuring long-term safe usage.

### Wi-Fi and Bluetooth 5.0

Price Checker supports fast WLAN for the better speed on the networks. This can speed up application response and improve performance. It also supports Bluetooth 5.0 for easy connection with peripherals.

### Various uses

Due to its optimized components, the Price Checker delivers optimal results in various usage environments. Users can communicate more effectively with the front camera and two speakers. The inclusion of NFC and a scanner also assists users in obtaining various information about desired products. Furthermore, it can be utilized for a variety of purposes, from retail price checks to information inquiries, customer guidance, and advertising.

M3 Mobile Price Checker: Effortless shopping with quick price access. Powerful octa-core CPU, Android 13 OS, vibrant display, and versatile connectivity for seamless communication in various business settings.



## Specification

PC10	
CPU	Octa Core 2.0 GHz
OS	Android 13
Memory (RAM/ROM)	LPDDR4X 4GB/64GB
Dimension (LxWxD)	281 x 206 x 38.5mm
Weight	704g
Display	10.1" FHD 1920 x 1200 pixels
TouchPanel	Capacitive multi-touch, Glove
Backlight	LED backlight display / 280cd/m2
Power	Adaptor - 24V / 1.5A Ethernet(100M) * 1 / 802.3at POE RJ45(20W)
Expansion Slot	User accessible MicroSD with 1TB
Keypad & Side Key	2 function keys
Connections	USB 2.0 Type-A (host/client) * 3, USB 2.0 Type-C (client) * 1, Ethernet(100M) * 1 / POE RJ45
Wireless Lan Radio Frequency Band	IEEE 802.11 a/b/g/n/ac
Bluetooth	Bluetooth 5.0
Camera	Front 8MP
RFID	NFC(13.56MHz)
Operating Temp	0 ° C to 50 ° C
Storage Temp	-20 ° C to 60 ° C
Humidity	10% to 95% RH (Non-condensing)
Sealing	Front only IP54

\*Scheduled for release in 2024.

# M3 SM20



android  
enterprise  
recommended



## Pinnacle of Advanced Android Technology

The SM20 series is an advanced Android platform that boasts the Android 11 to 13 version and powerful processors, delivering exceptional platform support performance.

## Smart Power Systems

Our smart battery design ensures efficient battery management, eliminating performance degradation caused by aging batteries.

## Fast Wi-Fi and Bluetooth 5.1

With IEEE 802.11 ax-ready, SM20 boosts network efficiency, flexibility, and scalability. Enjoy faster speeds, expanded capacity, and seamless integration of next-gen applications. Plus, Bluetooth 5.1 ensures reliable wireless connections for effortless pairing and improved performance with various devices.

## Make it easier to use

With over 20 accessories, SM20 adapts to your needs, offering a versatile computing experience. Enjoy hands-free mobility with accessories that enhance productivity for workers, taking it to the next level.

## Smart Focus Scanner

With a scanning range from 5.6 cm to 12.2 m, the Smart Focus Scanner excels in various environments. No need for additional accessories to read long-distance barcodes, making it convenient and adaptable for all your scanning needs.

## Anti-fog technology & low-temperature battery (F Ver.)

SM20F operate with a clear, non-fogging screen even at temperatures as low as minus 30 degrees, making it an indicator in the cold chain industry. In addition, the device's special batteries are designed to provide ample working time in low temperatures, enabling it to perform well in even the most extreme environments.





**Frozen ver.**  
Unstoppable Performance,  
Even at **-30 Degrees!**



**Smart Focus**  
Revolutionary Scanning Range  
From **5.6cm** to a Stunning **12.2m**



## Specification

SM20	
CPU	Qualcomm® Snapdragon™ 662 (SM6115) Octa core processor 2.0Ghz With Adreno 610 GPU
OS	Android 11 GMS/AER (support up to 13)
Memory (RAM/ROM)	4 GB / 64 GB
Dimension (LxWxD)	76.4 x 154.6 x 22 mm
Weight	266.1 g (2D-4710 Scanner with Standard battery)      309.3 g (2D-4710 Scanner with Extended battery) 268.4 g (Smart focus Scanner with Standard battery)      311.6 g (Smart focus Scanner with Extended battery)
Display	5-inch HD (1280 x 720)
TouchPanel	Corning Gorilla Glass / Capacitive multi-touch / Glove, Wet, Stylus
Power	Li-ion 3.8 V / 4,100mAh, 6,150mAh
Hotswap	0
Expansion Slot	MicroSD with 32GB SDHC and up to 1TB
SIM/SAM	1 Mini SIM and 1 eSIM
Keypad Side Key	Volume + / - key, Camera key, Power key 2 Scanner keys (Left, Right), 4 Bottom keys (Home, Back, Menu, Enter (Scan))
Radio Frequency	Support VoLTE LTE FDD: 800/850/900/1800/2100/2600 (1/3/5/7/8/20); LTE TDD: 2600 (38); UMTS/HSDPA/HSPA+: 850/900/2100(1/5/8); GSM/GPRS/EDGE: 850/900/1800 (3/5/8);
GPS	GPS/Glonass/BeiDou/Galileo/QZSS/SBAS/NavIC (IRNSS)
Radio	IEEE 802.11 a/b/g/n/ac/d/e/h/i/k/r/w, ax-ready
Bluetooth	Bluetooth 5.1
Ethernet	0
Scanning	SE4710, SE55
Camera	Front CAM : 5M pixels, Rear CAM 16 M pixels auto-focus (PDAF)
RFID	ISO 14443 A/B, ISO 15693, Mifare, P2P mode and Card Emulation via Host (HCE) support
Operating Temp	-20 °C to 60 °C (-4 °F to 140 °F) / Frozen ver. -30 °C to 60 °C (- 22 °F to 140 °F)
Storage Temp	-30 °C to 80 °C (-22 °F to 176 °F) / Frozen ver.-40° C to 80°C ( -40° F to 176° F)
Humidity	5% to 95% RH (Non-condensing)
Drop Spec	1.2m / 1.8m (with bumper boot)
Tumble Spec	0.5M/1000Cycle, 1M/500Cycle (with Boots)
Sealing	IP65

# M3 SM20 Accessory



## 2 slot Charging Cradle

Charging-only 2 slot cradle



## 2 slot Ethernet Cradle

Charging and Ethernet function included 2 slot cradle



## HDMI Cradle

Screen mirroring between PC and SM20



## 8 slot Charging Cradle

Charging-only 8 slot cradle



## 8 slot Ethernet Cradle

Charging and Ethernet function included 8 slot cradle



## Trigger Handle

Scanning Pistol Grip



## UHF Gun Reader

UHF RFID & Scanning Pistol Grip



## USB C-type Snap-On

USB Type Charging & Data communication



## USB Charging Snap-On

USB / DC Type Charging & Data communication



## UHF Snap-On

UHF RFID Snap-On



## Boots



## USB Charging Snap-On (bottom)

Office, Vehicle, with captive USB charging cable



## Vehicle Cradle

Charging-only vehicle cradle



## Armband

Fabric Holster with Strap, belt



## Holster

Fabric Holster with Strap, belt

# M3 SL20



Lightweight, completely designed Handheld Mobile Computer

2.3 GHz Octa-core processor  
4 GB / 64 GB Flash

Light weight of 250g  
5,000mAh battery

5.45 inch HD Plus  
Android 11 to 13



## Fast enough on field work

Support Android 11 (support future android also), 2.3 GHz Octa-core processor and DDR4X makes Fast Memory speed.

## Small and light weight

Only 250g (Extended battery included) and Thickness is 17.55 mm.

## Great user interface with Big Screen

The ergonomic design allows users to easily hold and use the SL20 for a long time. In addition, the 5.45-inch display allows people to use it with a wide viewing angle.

## Large Capacity

5,000mAh battery makes more than 10 hours using in user environment. SL20 supports 4/64GB memory, It is enough to use all kinds of business.



From Retail to all kinds of business, M3 MOBILE SL20 supports your business. You can choose SL20 when you need to improve your business environment in an easy way. If you want to use small and high performance mobile computer, SL20 is what you really want to use. It is small but The large 5.45 inch screen allows users to enjoy comfortable use. Glove touch and wet touch also supported.

## Specification

SL20	
CPU	2.3 GHz Octa core
OS	Android 11 GMS/AER (support up to 13)
Memory (RAM/ROM)	4 GB / 64 GB
Dimension (LxWxD)	156.8 x 72.7 x 17.55 mm
Weight	250g (Extended battery)
Display	5.45-inch color HD (1440 x 720)
TouchPanel	Corning Gorilla Glass / Capacitive multi-touch / Glove, Finger
Power	Li-ion 3.8 V / 5,000mAh
Hotswap	O
Expansion Slot	Micro SD up to 1TB
SIM/SAM	1 nano SIM, 1 PSAM
Keypad Side Key	On-screen keypad Buttons : 5 programmable side scan keys + power button
Radio Frequency	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);
GPS	Autonomous, Concurrent GPS; GLONASS; Galileo; Beidou, and A-GPS
Radio	IEEE 802.11 802.11 a/b/g/n/ac/d/e/h/i/j/k/r/v, IPv4, IPv6, 1X1 MU-MIMO
Bluetooth	Bluetooth 5.0
Ethernet	O
Scanning	SE4710
Camera	Front CAM : 5M pixels, Rear CAM 13 M pixels auto-focus
RFID	ISO 14443 A/B, ISO 15693, Mifare
Operating Temp	-20 °C to 55 °C (-4 °F to 131 °F)
Storage Temp	-40 °C to 75 °C (-40 °F to 167 °F)
Humidity	5% to 95% RH (Non-condensing)
Drop Spec	1.5m / 1.8 with Bumper Boot
Tumble Spec	0.5M/1000Cycle
Sealing	IP67

# M3 SL20 Accessory



**1 Slot charging only**  
Charging Only 1 slot cradle



**2 slot charging & USB Cradle /Ethernet Cradle**  
Charging & USB(Client) / Ethernet function included 2 slot cradle



**8 slot Charging / Charging & Ethernet Cradle**  
Charging-only / Charging & Ethernet 8 slot cradle



**Rubber Boot**  
Rubber boot for SL20



**Trigger Handle**  
Scanning Pistol Grip

M3



**Any Challenger?**

# M3 US20 Series

## Lightweight and Rugged Mobile Handheld

The US20X is an industrial 4G/LTE mobile computer that supports Android 10 operating system with a high-end CPU, various keypads, and includes a 16 MP rear camera.



### Excellent scanning performance and variety of options

It supports a wide range of scanning options from 2D scanners to longrange scanners. By using the best scan engine, it not only captures multiple barcodes at once with a single scan, but also scans a distance of up to 21 metres, and supports users' work without losing the essence of the scanning function in any environment.

### The perfect battery design

The US20 with the optional 6,700mAh extended battery installed works longer before needing to recharge. It also supports hot-swap functionality, so you can charge batteries without the need to turn off your device or close your application

Android 10 GMS/AER

2.2GHz Octa core CPU

3 types keypad – 30/42/51

2D Imager, Long range Scanner

Fast charging / Battery Hot Swap

16 MP Auto Focus Camera

### M3 SPEEDPACK, the most complete application suite

The M3 SPEEDPACK application suite enables easy deployment and management of your mobile devices and includes several applications to increase productivity and efficiency.



## Specification

	US20X	US20W
DIMENSION (W x H x D)	74 * 197.2 * 35.3mm / 2.91 * 7.76 * 1.38inch	
WEIGHT	450g / 15.8oz (LR Scanner with Extended battery) 416g / 14.6oz (2D Scanner with Extended battery) 403g / 14.2oz (LR Scanner with Standard battery) 369g / 13oz (2D Scanner with Standard battery)	
DISPLAY	4.0" WVGA IPS, 480 x 800 pixels, Color Display	
TOUCH	Corning Gorilla Glass supports dual input mode with finger, gloved finger and stylus (conductive stylus sold separately)	
POWER	All models ship with rechargeable Li-Ion, 3.6V, 6700mAh battery; full charge under five (5) hours; hot swap support with temporary WWAN/WLAN/Bluetooth session persistence	
SIM / SAM	2 micro SIM	N/A
Keypad	Numeric (30 key), Function Numeric (42 key), Alpha Numeric (51 key)	
Buttons	Two programmable side scan keys	
PROCESSOR	2.2 GHz Octa-core processor	
OS	Android 10 with M3Mobile's StartUp for control over GMS and other services	
MEMORY	4 GB/64 GB Flash	
INTERFACE	USB 2.0 Client (C type), USB 2.0 Client & Host (OTG)	
SENSOR	Gyro Sensor, Accelerometers: for X,Y, and Z movement, and gyroscopes for measuring the extent and rate of rotation in space eCompass automatically detects direction and orientation, Automatically adjusts the brightness of the display	
WWAN	LTE FDD: 800/850/900/1800/2100/2600 (1/3/5/7/8/20); LTE TDD: 1600/2300/2500 (38/40/41); UMTS/HSDPA/HSPA+: 850/900/2100(1/5/8); GSM/GPRS/EDGE: 900/1800 (3/8);	N/A
WLAN	IEEE 802.11 a/b/g/n/ac/d/e/h/i/k/r/w, IPv4, IPv6, MU-MIMO	
BLUETOOTH	Class 2, Bluetooth v4.1 with BR/EDR and Bluetooth Low Energy (BLE) Support	
GPS	Autonomous, Concurrent GPS; GLONASS; Gallileo; Beidou, and A-GPS	
SCANNER	2D: 0° Scan(Straight Shooter) SE4770 / SE4710 2D: 45° Scan SE4770 / SE4710 LR: 0° Scan(Straight Shooter) SE4850 ERI / SE5500	
CAMERA	16 M pixels auto-focus (AF), PDAF	
NFC	ISO 14443 A/B, ISO 15693, Mifare, P2P mode and Card Emulation via Host (HCE) support	
TEMPERATURE	Operating -4° F to 140° F/-20° C to 60° C Storage-22°F to 176°F/-30°C to 80°C	
HUMIDITY	5% to 95% RH (Non-condensing)	
DROP TEST	Multiple 6 ft./1.8 m drops to concrete across the operating temperature range per MIL-STD-810G	
IP RATING	IP65	

# M3 US20 Accessory



**2 slot Charging & USB / Ethernet Cradle**  
Charging & USB host client / Charging & Ethernet & USB client function included 2 slot cradle



**4 Slot Battery Charger**  
4 SlotBattery Charging Station



**5 slot Charging / Ethernet Cradle**  
Charging-only / + Ethernet 5 slot cradle



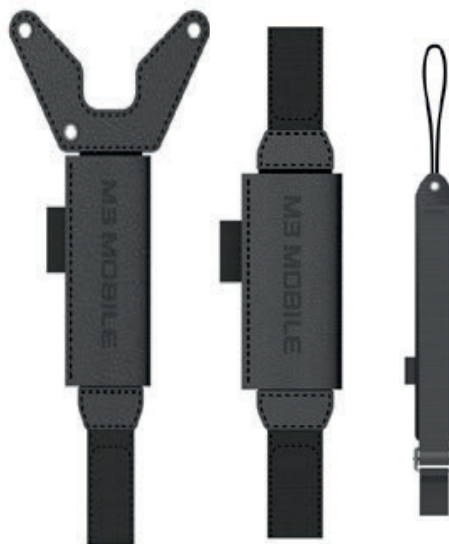
**5 slot Charging / Ethernet Cradle & 4 Batteries**  
Charging-only / +Ethernet 5 slot cradle & 4 Batteries



**20 Slot Battery Charger**  
20 SlotBattery Charging Station



**Forklift/Vehicle Cradle**  
Charging & USB Host Client Cradle



**Hand strap**  
for 45° & 0° Scanner & Trigger Handle



**Trigger Handle**  
Scanning Pistol Grip

# M3 UL20 Series

android  
enterprise  
recommended

## Full Touch Ultra-Rugged Computer

Android 8.1 / 9.0 GMS / 10 GMS  
2.2GHz Octa core CPU  
Fast charging / Battery Hot Swap

1D / 2D Imager, Long-range Scanner  
16.0MP Auto Focus Camera



### Li-ion, 3.6V, 6,700mAh

The large capacity 6,700mAh battery makes it suitable for long shifts in a place where battery charging is limited.



### Full HD Display

With large, high-resolution colour screen for clear visibility both indoor and outdoor.



### IP67 sealing, 2.0m drop

IP67 dust / water proof and withstands 2.0m drops. The device can be used in harsh environments.



### Keypad (28, 35, 53 keys + Function keys)

For maximum efficiency, physical keyboards are available. M3 UL20 includes 28, 35, 53-key alpha numeric keypad. All features in easy-to-use ergonomic design and function keys are installed for fast operation in the field.



## Specification

	UL20X	UL20W	UL20F / FX
DIMENSION (W x H x D)	88.7 mm x 244.75 mm x 46.19 mm		
WEIGHT	530g (2D Scanner), 580g (Long-range Scanner)		
DISPLAY	5-inch FHD (Full High Definition) (1920X1080) Outdoor view-able, Frost-free (UL20F & UL20FX)		
TOUCH	Corning Gorilla Glass / Capacitive multi-touch / Glove, Wet, Stylus		
BATTERY	Li-ion 3.6 V 6,700 mAh, designed for high-performance in low temperatures (UL20F & UL20FX)		
POWER MANAGEMENT	Fast Charging / Battery Hot Swap		
SIM / SAM	2SIM	N/A	2SIM N/A (UL20F)
PHYSICAL KEYS	35-Key Alpha Numeric+Function key pad and 6 Side key, (Optional) 28-Key, 53-Key		
PROCESSOR	2.2 GHz Octa-core processor	2.0 GHz Octa-core processor	2.2 GHz Octa-core processor
OS	Android 8.1 & 9.0 & 10 GMS		
MEMORY	4GB RAM, 64GB ROM	2GB RAM, 16GB ROM	4GB RAM, 64GB ROM
INTERFACE	USB 2.0 Host & Client		
SENSOR	Accelerometer, Gyro, Ambient light, Proximity, E-compass, Magnetic		
WWAN	GSM : B3, B5, B8 WCDMA : B1, B5, B8 TDD-LTE : B38, B40, B41 FDD-LTE : B1, B3, B5, B7, B8, B20	N/A	GSM : B3, B5, B8 WCDMA : B1, B5, B8 TDD-LTE : B38, B40, B41 FDD-LTE : B1, B3, B5, B7, B8, B20 N/A (UL20F)
WLAN	IEEE 802.11 a/b/g/n/ac/d/e/h/i/k/r/w		
BLUETOOTH	Bluetooth v4.1 LE Class II		
GPS		N/A	A-GPS, GLONASS, Beidou, Galileo N/A (UL20F)
SCANNER	2D Imager Long-range (SE4850)		
CAMERA	16.0 MP (REAR) LED Flash		
RFID	NFC (13.56MHz) Peer-to-peer, card reader, card emulation ISO 14443 A / B, ISO 15693		
TEMPERATURE	Operating -20 °C to 60 °C (-4 °F to 140 °F) Storage -30 °C to 80 °C (-22 °F to 176 °F)		Operating -30 °C to 60 °C (-22 °F to 140 °F) Storage -40 °C to 80 °C (-40 °F to 176 °F)
HUMIDITY	0% to 95% non-condensing		Condensing (Condensation-free using internal heaters)
DROP TEST	2.0M		
IP RATING	IP67		
HEATER	N/A		Scanning window heater, LCD Heater

**Defogging makes vivid window**

**5.0 inch Full HD Display**

**Long Range Scanner**

**Glove and wet touch**

**IP67**

**-30°**

*Speed is Power*  
**M3 MOBILE**

**UL20F**

## M3 UL20F / FX

### Experience true freedom with UL20FX

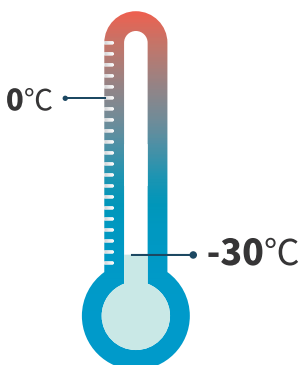
UL20FX is an innovative model that combines the low-temperature AI capabilities of UL20F with unrestricted 4G network usage. Now, workers can seamlessly continue their operations via the communication network without the stress of network installation. Whether at a port or in an outlying freezer, you can comfortably use UL20FX.

### Defogging keeps screen clear

UL20F has a sensor and smart module to keep the screen and scanner window at an optimum temperature so they can stay clear, even in cold environments. The screen heater continues to operate when the UL20F is in sleep mode. The battery also resists low temperature.



UL20F Scanning Window



### Resists low temperature! (It applies to UL20F)

In cold warehouse, it is essential that LCD and keypad work normally in low temperature. UL20F is upgraded to work at -30°C by automatically controlling LCD heating. It provides convenience to the user as well as reducing battery consumption. Furthermore, the special freezer battery maintains performance in extreme cold.

# M3 UL20W

## Support WiFi-Only Products

UL20W is specialized for indoor working space where Wi-Fi is usually used. This reasonable product, UL20W will reduce your TCO (Total cost of ownership). Smooth indoor operation has a benefit in free compatibility with many kinds of apps. Data communication between co-workers becomes stable if they're connected with Wi-Fi. Wireless communication becomes fast and stable just like wired one.



# M3 UL20 Accessory



## 2 slot Charging Cradle

Charging & Ethernet function



## 8 slot Charging Cradle

Charging & Ethernet function



## Battery Charger



## Vehicle&Forklift Cradle



## Trigger Handle

Scanning Pistol Grip



## Wire Plate

※ Content subject to change or added



# M3 BK10 (BLACK)

## Premier Mobile Computer

Windows CE 6.0

1.0GHz CPU

1D Laser, 2D Imager

## Specification

### PHYSICAL CHARACTERISTICS

DIMENSION (W x H x D)	75.3 x 165.8 x 26 mm (2.96 x 6.52 x 1.02 in.)
WEIGHT	319 g
DISPLAY	VGA (480 x 640) QVGA (240 x 320)
BATTERY	Type Smart Battery
	Standard Li-Polymer 3.7 V 3,400mAh Extended Li-Polymer 3.7 V 5,100mAh

### PERFORMANCE CHARACTERISTICS

PROCESSOR	CPU 1GHz
OS	Windows CE 6.0
MEMORY	RAM 256 MB (512MB Optional)
	ROM 8 GB
	Card Slot Micro SD
INTERFACE	USB 2.0 High Speed Host & Client
SENSORS	Light sensor, Gyro sensor

### USER ENVIRONMENT

TEMPERATURE	Operating -20 to 60°C / -4 to 140°F
HUMIDITY	Storing -30 to 80°C / -22 to 176°F
TUMBLE TEST	2,000 1.6 ft. / 0.5m tumbles (4,000 drops)
DROP TEST	5.9 ft. / 1.8 m
IP RATING	IP65

### WIRELESS RADIO OPTIONS

WWAN	-
WLAN	IEEE 802.11 a/b/g/n
SECURITY	WEP, WPA, WPA2, TKIP, AES, EAP-FAST, EAP-TLS, EAP-TTLS, PEAP-GTC, PEAP-TLS, PEAP-MMSCHAPv2, LEAP, CCXv4
BLUETOOTH	-
GPS	-

### GENERAL OPTIONS

SCANNER	1D Laser, 2D Imager
CAMERA	-
KEYPAD	34 key Alpha Numeric
	53 Key QWERTY

## Certifications



# Pursuit of all-around excellence on a Mobile Computer, M3 Black

User-friendly design combined with high performance in harsh environments. The M3 BLACK has user-friendly design which is reliable and simple but very robust.

## Key points



**Ergonomic design can reduce fatigue during repetitive scanning**

### Low angle (23 °) barcode scanner

Low angle scanner allows users to feel more convenient during repetitive scanning operations in the field. The design provides convenience to users when looking at the LCD screen during scanning which reduces physical tiredness of wrists and eyes.



**User-friendly design to locate the scan button by touch**

### Embossed scan buttons applied

Small bumps on the scan buttons on the front and side enables users to recognize and scan without looking which saves time and efficiency. Buttons are placed on an angle which makes it more easier to press.



**Functional design withstands hard drop**

### Rubber / Metal applied on case

Many things can happen during working hours, such as dropping devices. By applying anti-slip rubber, the device will not slip from your hands. If you drop BK10, the metal frame can withstand multiple drops from at a maximum of 2 meters high.



# M3 OX10-1G (ORANGE)

Top Rated Multi-Functional Handheld

Windows CE 6.0

1 GHz CPU

## Specification

### PHYSICAL CHARACTERISTICS

DIMENSION (W x H x D)	78.6 x 165.5 x 24.9 mm
WEIGHT	332 g / 11.7 oz
DISPLAY	VGA (480x640) QVGA (240x320)
BATTERY	Li-Ion 3.7 V 3,300 mAh, Smart Battery
SIM / SAM	-

### PERFORMANCE CHARACTERISTICS

PROCESSOR	CPU 1 GHz
OS	Windows CE 6.0 / WM
MEMORY	RAM 512 MB
	ROM 4 GB
	Card Slot Micro SD
INTERFACE	USB Host 1.1 / Client 2.0

### USER ENVIRONMENT

TEMPERATURE	Operating -20 to 60°C / -4 to 122°F
HUMIDITY	Storing -30 to 70°C / -22 to 158°F
TUMBLE TEST	1,000 1.6 ft. / 0.5 m tumbles (2,000 drops)
DROP TEST	5.0 ft. / 1.5 m
IP RATING	IP65

### WIRELESS RADIO OPTION

WWAN	-
WLAN	IEEE 802.11 a / b / g / n
SECURITY	WEP, WPA, WPA2, TKIP, AES, EAP-FAST, EAP-TLS, EAP-TTLS, PEAP-GTC, PEAP-TLS, PEAP-MSCHAPv2, LEAP, CCXv4
BLUETOOTH	-
RFID	-
GPS	-

### GENERAL OPTIONS

SCANNER	1D Laser, 2D Imager
CAMERA	-
KEYPAD	Alpha Numeric 31 Keys QWERTY 50keys (WM6.5 only)

## Certifications





## Key points



### Rugged design for superior reliability

M3 OX10-1G is suitable to use in tough environments :  
Withstands drop from 1.5m and resistant against dust and water.



### Industry leading data capturing

1D, 2D, RFID (HF / UHF optional) options provide real-time data capture and automatic data processing enables flexibility in work and cost-efficiency.



### Multi-function Keypads

Multi-functional keys of Qwerty keypads are designed for versatile performance.  
Hot keys enable direct access and increase user's working speed.



# M3 SPEED PACK

M3 SPEED PACK is a specialized enterprise solution that supports all tools, utilities, demos, and management that are dedicated for industrial applications such as Logistics, Warehouse, Retail, Medical Treatment, Services and more.



## M3 SPEED PACK Summary

### Provides device introduction tools



ScanEmul



RFIDEmul

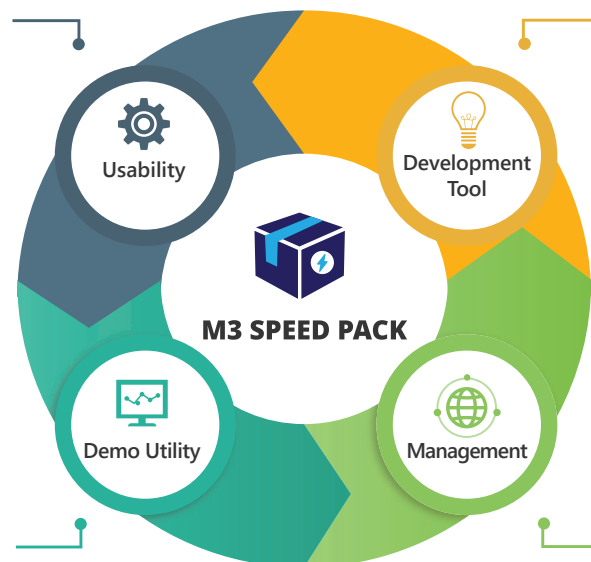


LRScanEmul

### Provides demo apps for enterprise use



Test Demo Apps



### Provides efficient application tools



SDK



Keytool



OEM Config



Battery Monitor



Heat the Wire

### Provides device management tools



StartUp



StartUp PC



App Center



M3OTA

## How to use M3 SPEED PACK effectively

M3's SPEEDPACK stands out for its user-friendly and intuitive design, surpassing competitors in terms of ease of use. For example, ScanEmul enables users to complete desired settings with just three touches, while competitors may require more time for setup. Similarly, StartUP PC is designed to be straightforward and user-friendly, ensuring effortless utilization of its features.

# M3 Apps

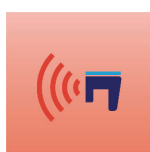
We are excited to introduce you to the revolutionary M3 App, designed to take your efficiency to new heights. Experience unparalleled convenience and streamline your workflow with M3's innovative SPEED PACK. Our team of dedicated engineers has poured their hearts into creating a user-friendly experience that sets us apart from the competition.



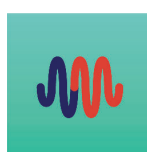
**ScanEmul** is a barcode scanning application that captures barcode data and displays the results, allowing users to modify scanning settings.



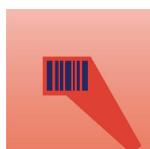
**Battery Monitor** is a tool for monitoring the condition of the battery.



**RFIDEmul** is an application that utilizes the UHF Trigger Handle to display the results of RFID tag readings.



**Heat the Wire** utilizes AI technology to calculate and control the optimal temperature for the heat wire.



**LRScanEmul** is an application that enables the utilization of the Long-Range Trigger Handle, allowing the display of decoded data.



**StartUP** is a provisioning application that facilitates setting up multiple devices with identical settings.



**SDK** provides developers with example source codes and manuals for enterprise program development.



**StartUP PC** enables the swift creation of staging barcodes to streamline the preparation of M3 Android devices with consistent settings.



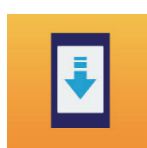
**Keytool** enables remapping of physical buttons on a device for alternative functions.



**App Center** is a selective launcher app that restricts access to only the applications chosen by the administrator.



**OEM CONFIG** simplifies the setup process for M3 products.



**M3OTA app** is a single click over the internet, users can easily download the latest software updates and security patches.

## ITC is always open for customers.

When using the app and if you want to know if there are any special features, please feel free to ask everything you want to know to M3's ITC. Access ITC, log in, and leave your question. The expert engineers at M3 will promptly resolve your queries to the best of their abilities.



# M3 Service Package

Category	Standard Warranty	Service Package	Service Package (Extended)
<b>Need to sign a contract</b>	No	Yes	Yes
<b>Term</b>	1 Year after shipment	3 Years or 5 Years after shipment	1 Year or 2 Years
<b>Terminal</b>	1 Year	3 Years or 5 Years	1 Year or 2 Years
<b>Battery</b>	6 Months	1 Year	X
<b>Accessory</b>	6 Months	6 Months or 1 Year	X
<b>Total Damage repair</b>	X	X	X
<b>Accidental Breakage/ fault for Terminal</b>	X	O	O
<b>Shipping Cost</b>	One way (M3)	M3	M3
<b>Online Technical Support</b>	O	O	O

O : Coverage X : Noncoverage

Customers who purchase the service package can take repair service regardless of the number of times within the time limit unless the following conditions are met.

1. If 3 or more than 3 of the four major parts of the Terminal are damaged, we call it "Total Damage" and this terminal cannot be repair.
  - 4 main parts : cover (front or rear), mainboard, display, scanner
  - Example) Display, motherboard damage – Not Total Damage – repairable
  - Example) Display, motherboard, scanner damage – Total Damage – not repairable
2. When the damage is cause of bending, it cannot repaired.

Note: Please check the latest information, including detailed contents and available service options.

M3 MOBILE provide various service packages. Please contact M3 MOBILE sales directors. Email: [sales@m3mobile.net](mailto:sales@m3mobile.net)

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**M3 MOBILE**



## CARRIAGE

Please send defective devices with printed Request Form  
(which has DOA# or RMA# indicated on the sheet) to below address:  
<http://m3mobile.co.kr/service-support/repair-support>

### Korea

M3 Mobile Headquarter Service center  
Unit 611, 201 Chuni Technopark,  
18 Buchen-ro 198 Beon-gil, Wonmi-gu,  
Bucheon-si, Gyeonggi-do, 14557, Korea  
Tel: +82-(0)2-574-0037  
Email: [cs@m3mobile.co.kr](mailto:cs@m3mobile.co.kr)  
Attn: 지식재

### Germany

Weilandt Elektronik GmbH  
Carolus-Magnus-Str.12, 45356 Essen Germany  
Tel: +49-(0)-201-10-99-81-61  
Email: [t.perplies@weilandt-elektronik.de](mailto:t.perplies@weilandt-elektronik.de)  
Attn: Tobias Perplies

### UK

BIAS Technology Support LTD  
7 Blackhill Road West, Holton Heath Trading Park,  
Poole, Dorset BH16 6LE, UK  
Tel: +44-(0)-1202-620955  
Email: [gavind@biastechnology.com](mailto:gavind@biastechnology.com)  
Attn: Gavin Dalrymple

### All EU Countries Including Germany

JARLTECH Europe GmbH  
Jarltech-Platz 1, 61250 Usingen Germany  
Tel: +49-(0)-6081-600-303  
Email: [oliver.schulz@jarltech.de](mailto:oliver.schulz@jarltech.de)  
Attn : Oliver Schulz

### France

PRESTINFO MAINTENANCE  
18, avenue de la ZAC de CHASSAGNES, TERNAY,  
Lyon city 69360, France  
Tel: +33-(09)72189164  
Email: [repaircenter.m3@prestinfo-maintenance.com](mailto:repaircenter.m3@prestinfo-maintenance.com)

### Spain

SERDACAP  
Calle Isabel Colbrand 10, oficina 164, 5ª planta  
(puerta de acceso calle 1)  
Lyon city, 28050 Madrid  
Tel: +34 91 358 81 35  
Email: [s.delgado@serdacap.com](mailto:s.delgado@serdacap.com)

# NOTE



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**M3 MOBILE**



Homepage



Linkedin

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