

M3 US30 W

A robust mobile computer with numerous options and no competitors



- Android 13 to 15 GMS/AER
- 2.4GHz Octa core CPU
- 4 types keypad – 30/38/42/51
- 2D Imager, Long-range, Smart Focus Scanner
- Fast charging / Battery Hot Swap
- 16 MP Auto Focus Camera

Based on the US20 series, the US30 is a lightweight yet durable handheld computer designed for enhanced operational efficiency in logistics warehouses and retail markets. Powered by Android 13 and a robust 2.4 GHz octa-core processor, it offers smooth multitasking capabilities with 4GB RAM and 64GB ROM for ample storage. Faster wireless connectivity is ensured with 2X2 MU-MIMO Wi-Fi 6 and Bluetooth 5.3 BLE. The device features various scanner options and an integrated Trigger Handle for convenient scanning tasks. It boasts a 16MP rear camera for clear photos and offers four keypad options: 30 keys, 38 keys, 42 keys, or 51 keys. With a robust 6,700mAh battery, the US30 supports long hours of usage, making it ideal for logistics, retail, and on-site operations.

High Performance and Upgradeability

The US30 features Android 13 and a powerful 2.4 GHz octa-core processor, ensuring top-notch performance for seamless multitasking. Users can accomplish tasks quickly, saving time in both personal and professional endeavors. With the option to upgrade to future Android versions, the US30 keeps users ready for new apps and technologies, enabling them to continuously enjoy the latest advancements and progress towards a brighter future.

Scanners for different work environments

We provide a range of scanner options (SE4710, SE4770, SE5500, SE5800) tailored to diverse work environments. Each scanner meets specific industry needs, empowering users to select the best fit for their operations, leading to enhanced efficiency and accuracy.

Various Options

The US30 provides four keypad options (30 keys, 38 keys, 42 keys, and 51 keys) to cater to users' diverse needs, allowing them to select the ideal configuration for their tasks. Additionally, pairing the US30 with the Trigger Handle boosts workplace efficiency. Moreover, it ensures seamless compatibility with existing US20 accessories, offering enhanced versatility and usability.

Exceptional Battery Design

The US30 features a high-efficiency design with a 6,700mAh large-capacity battery, facilitating all-day usage. Quick and safe recharging via charging cradles and battery chargers ensures uninterrupted work. With hot-swap functionality, users can seamlessly replace the battery without disrupting workflow, enhancing productivity and reliability.

Specification

Physical Characteristics

Dimensions	74 * 197.2 * 35.3mm / 2.91 * 7.76 * 1.38inch
Weight	450g / 15.8oz (LR Scanner with battery) 416g / 14.6oz (2D Scanner with battery)
Display	4.0" WVGA IPS, 480 x 800 pixels, Color Display
Touchpanel	Corning Gorilla Glass supports dual input mode with finger, gloved finger and stylus (conductive stylus sold separately)
Backlight	LED backlight display
Expansion Slot	User accessible MicroSD with 32GB SDHC and up to 1 TB SDXC
Network Connections	USB 2.0 High Speed OTG (host/client), WLAN, Bluetooth
Notification	Audible tone, multi-color LEDs, vibration
Keypad	Numeric (30 key), Function Numeric (38, 42 key), Alpha Numeric (51 key)
Buttons	Buttons: Two programmable side scan keys
Voice	Internal speaker, vibrate alert and Bluetooth wireless headset support; High quality speaker phone;
Audio	Built-in speaker and microphone

Performance Characteristics

CPU	2.4 GHz Octa-core processor
Operating System	Android 13 to 15 with M3 Mobile's StartUp for control over GMS and other services; will support future Android releases.
Memory	4 GB/64 GB Flash
Power	All models ship with rechargeable Li-Ion, 3.6V, 6700mAh battery; full charge under five (5) hours; hot swap support with temporary WLAN/Bluetooth session persistence

User Environment

Operating Temp.	-4°F to 140°F/20°C to 60°C
Storage Temp.	-22°F to 176°F/30°C to 80°C
Humidity	5% to 95% RH (Non-condensing)
Drop Specifications	Multiple 6 ft/1.8 m drops to concrete across the operating temperature range per MIL-STD-810G
Tumble Specification	3,000 3.3 ft. /1.0 m tumbles; meets and exceeds IEC tumble specification
Sealing	IP65
Vibration	Sine: 4g's peak, 5hz to 2khz, Random: .04g ² /hz, 20hz to 2khz
Thermal Shock	-40°F to 158°F/-40°C to 70°C
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: 0° Scan(Straight Shooter) SE4710, SE4770 2D: 45° Scan SE4710, SE4770 LR: 0° Scan(Straight Shooter) SE5850 Smart Focus : 0° Scan(Straight Shooter) SE5500
Rear 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

Wireless LAN

Radio	IEEE 802.11 a/b/g/n/ac/d/e/h/i/k/r/w/ax, IPv4, IPv6, 2X2 MU-MIMO
Operating Channels (depending on Regulatory)	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 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); WPA3 Personal (SAE); WPA/WPA2 Enterprise (TKIP and AES); WPA3 Enterprise (AES) — EAP-TTLS (PAP, MSCHAP, MSCHAPv2), EAP-TLS, PEAPv0-MSCHAPv2, PEAPv1-EAP-GTC, LEAP and EAP-PWD; WPA3 Enterprise 192-bit Mode (GCMP256) — EAP-TLS; Enhanced Open (OWE)
Fast Roam	PMKID caching; Cisco CCKM; 802.11r; OKC

Wireless PAN

Bluetooth	Class 2, Bluetooth v5.3 with BR/EDR and Bluetooth Low Energy (BLE) Support
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Regulatory

EMI/EMC	EN 301 489-1; EN 301 489-3; EN 55032; EN 55035 Class A
Electrical Safety	IEC 62368-1, 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 US30 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/download/file/743>

Startup PC User Manual <http://www.m3mobile.net/download/file/748>

Startup PC for SOTI <http://www.m3mobile.net/download/file/746>

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

Accessories

(Appearance can be changed.)



2 Slot Charging & Ethernet cradle



4 Slot Battery Charger



Forklift / Vehicle Cradle



Soft / Hard Holster



5 Slot Charging & Ethernet cradle



20 Slot Battery Charger



Trigger Handle



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