M3 Mobile US20

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Nicht mehr verfügbar! Wir empfehlen: M3 Mobile US30

M3 Mobile US20 – Volle Ausstattung in kompakten Abmessungen

Vielseitige Tastatur- und Scan-Optionen für unterschiedliche Anforderungen
Der US20 bietet Tastaturen mit 30, 42 oder 51 Tasten, von ziffernorientiert bis zur vollständigen alphanumerischen Tastatur. Zudem kann er mit einer Long Range Scan-Engine ausgestattet werden, die eine Reichweite von bis zu 21 Metern ermöglicht.

Leistungsstarke Hardware und aktuelle Software für optimale Performance
Ausgestattet mit einem 2,2 GHz Octa-Core-Prozessor, 4 GB RAM und 64 GB Flash-Speicher bietet der US20 eine hohe Leistungsfähigkeit. Das Betriebssystem Android 10 sorgt für eine sichere und stabile Arbeitsumgebung.

LTE für schnelle und unterbrechungsfreie Datenverbindungen
Besonders vorteilhaft für den Einsatz im Außendienst oder in großflächigen Arbeitsbereichen, in denen eine konstante Verbindung zu zentralen Systemen erforderlich ist.

4-Zoll-Display bietet eine klare und deutliche Darstellung von Informationen
Der Bildschirm unterstützt Multi-Touch-Funktionen und ermöglicht so die Bedienung von Apps mit gewohnten Gesten.

Gegen Stürze aus bis zu 1,8 Metern geschützt, IP65 Versiegelung
Dieses robuste Design gewährleistet Zuverlässigkeit und Langlebigkeit, selbst unter schwierigen Bedingungen.

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Eigenschaften

Lesbare Codes: 1D, 2D

Display: 4 Zoll, 480 x 800 px, Corning Gorilla Glas

Betriebssystem: Android 10

Prozessor: 2.2 GHz Octa-Core

Speicher: 4 GB RAM, 64 GB Flash

Feedback: LED, Ton und Vibration

Tastatur: 30, 42, 51 + 2 Auslösetasten

Drahtlose Schnittstellen: LTE, WLAN, Bluetooth, NFC

Zusätzliche Features: 16 MP, GPS

Akku: 6700 mAh, Hot Swap

Schutz: IP65, bis 1,8 m sturzsicher

Betriebstemperatur: -20 – 60 °C

Abmessungen (B x L x H): 74 x 197 x 35 mm

Gewicht: 369 – 450 g

Optionales Zubehör

Dockingstation

4- & 16-fach Akkuladestation

Akku

Gungrip

Handschlaufe

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Physical Characteristics	
Dimensions	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
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 512GB SDXC
SIM Slots (X model only)	2 micro SIM
Network Connections	USB 2.0 High Speed OTG (host/client), WLAN, Bluetooth and WWAN
Notification	Audible tone, multi-color LEDs, vibration
Keypad	Numeric (30 key), Function Numeric (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	2.2 GHz Octa-core processor
Operating System	Android 10 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 WWAN/WLAN/Bluetooth session persistence, 2600mAh batteries(optional)
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) SE4770 2D: 45° Scan SE4770 LR: 0° Scan(Straight Shooter) SE4850 ERI Optional: SE4750 MR
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 WAN Data AND VOICE COMMUNICATIONS (X model only)	
Radio Frequency Band	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);
GPS	Autonomous, Concurrent GPS; GLONASS; Gallileo; Beidou, and A-GPS
Wireless LAN	
Radio	IEEE 802.11 a/b/g/n/ac/d/e/h/i/k/r/w, IPv4, IPv6, 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 56,60,64,100,104,108,112,116,120,124,128,132,136,1 40,144,149,153,157,161,165 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 v4.1 with BR/EDR and Bluetooth Low Energy (BLE) Support
Regulatory	
EMI/EMC	EN 301 489-1; EN 301 489-3; EN 55024; EN 55032 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 US20 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	