

M3 Orange Rugged Handheld

Fully Rugged Industrial PDA

M3 Orange The Right Device

Having the right handheld devices in industries like the military, transportation, utility, field service, logistics, and forestry is crucial. For many years, m3 mobile has provided reliable devices that are rugged enough to withstand these harsh areas. Typically, these devices are powered by the most recent version of Windows Mobile, and the new M3 Orange is no exception. This device, which is also known as the M3-20, has an 806MHz PXA320 CPU. The version of Windows Mobile that it uses is 6.5, and it has 256MB of RAM. The ROM on the device is 256MB, though that is expandable to 512MB.



M3 Orange Is Designed to Be Sturdy

Like other M3 devices, the M3 Orange is designed to be as sturdy feeling as possible. At 78.6 mm wide, 166.2 mm tall, and 24.9 mm deep, the device is just large enough without feeling too big. With the battery in the M3 Orange, it weighs 11.4 oz. The display of the M3 Orange is a nice size screen that is capable of displaying 260 thousand colours. It has a 240 x 320 resolution from the 3.5 inch QVGA TFT LED backlit screen. The keypad is set up in the alpha numeric and QWERTY or AZERTY format for easy typing.

Get directions with your M3 Orange device

Being able to locate yourself and get directions is important, and that is why the M3 Orange includes SiRF star III GPS. It also comes equipped with a Li-Ion 3.7V smart battery. There is plenty of room for data, as the memory can be expanded with Micro SD and SDHC up to 32 GB. There is a slot for 1 SIM card, and the device has the capacity for Ethernet support. The M3 Orange is able to function in temperatures ranging from -20 degrees Celsius to 60 degrees Celsius, and it is able to be stored in temperatures ranging from -30 degrees Celsius to 70 degrees Celsius. It can also withstand being dropped from up to 1.5 meters.

So if your company or employees are in need of a rugged, modern device that can handle a suite of tasks, the m3 mobile Orange is a good way to go. With how durable and customizable it is, it can really do anything you need it to.

Key Features

- PXA-320 806 MHz
- Windows Mobile 6.5
- 3.0M Pixels Auto Focus Camera
- Integrated 13.56 MHz RFID Reader
- Bluetooth Class II, v2.0 with EDR
- HSDPA/EDGE/GPRS/GSM
- WLAN IEEE 802.11 a/b/g
- IP65 Sealing, 1.5 m Drop
- Smart Battery



Rugged Systems is one of Europe's leading suppliers of rugged, mobile computer, display and communications solutions and services. Specialising in applications such as test & measurement, command and control, data acquisition, secure data & computing, TEMPEST and ultra-reliable message transfer over noisy tactical communication channels. The company strives to be innovative and provide cost effective solutions, through many years of knowledge and experience

Orange Specifications



FUNCTIONAL

Processor	Marvell Xscale PXA-320 806MHz
Memory	256MB RAM
Storage	256MB Flash ROM (max. 512MB)
Expansion	Micro SD/SDHC (up to 32GB)
Display	3.5" 240 x 320 QVGA TFT LCD (260k colour), LED backlight
Keyboard	Alpha-Numeric (31 Key)/QWERTY (50 Key)/AZERTY
I/O Ports	USB1.1 USB Client, Microphone, Speaker, Stereo Ear-mic jack
Audio	Microphone, Speaker, Stereo Ear-Mic jack, Software support for full duplex record and playback (stereo)
Integrated Communications	Ethernet Support (via Cradle) GPS SiRF star III WWAN RADIO HSDPA/EDGE/GPRS/GSM(850/900/1800/1900MHz/2.1GHz) WLAN RADIO IEEE 802.11 a/b/g WPAN RADIO Bluetooth Class II, V2.0 with EDR
Data Capture	Scanner 1D or 2D imager Colour Camera 3.0MP, Flash, Auto Focus RFID Frequency 13.56 MHz Standard ISO 14443 A/B, ISO 15693
Operating System	Windows Mobile® 6.5

ENVIRONMENTAL (IP65)

Temperature	Operating: -20°C to +60°C (-4°F to +140°F) Storage: -30°C to +70°C (-22°F to +158°F)
Humidity	90% RH, non-condensing
Rain/Dust	IP65 Dust - (Protected against dust - limited ingress), Water - (Protected against sprays from all directions - limited ingress)
Drop	Multiple drops from 5 ft. (1.5 m) onto concrete

PHYSICAL

Dimensions	78.6 mm x 166.2 mm x 24.9 mm
Weight	324g/11.4 oz.(Including battery)

ELECTRICAL

Power	Rechargeable Li-Ion 3.7V 3,300mA/h (Smart Battery)
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OPTIONS

Accessories	Single Slot Cradle, Single Slot Ethernet Cradle, Four Slot Cradle, Four Slot Ethernet Cradle, Car Cradle, Snap On, Pistol Grip, Charging Holster(Li-poly 4,500 mAh), Standard Battery (Li-ion 3,300mA/h), AC Cord / Adaptor, Stylus Pen / String, Ear-Phone, USB Cable, Leather Case
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Information in this document is subject to change without notice.



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