

M3 White Rugged Handheld

Health Care Assistant – Medical Terminal

M3 WHITE is the first slim size enterprise-grade mobile computer available with an anti-infection casing. Silver-Nano coated casing will provide you with years of reliable hassle-free operation while protecting medical environments from the spread of infection. Silver-nano technology provides the ability of these devices to be regularly sterilized without degrading their housings and durability. The benefits of M3 White will enhance medical productivity and cost efficiency of medical IT operations everywhere in hospitals and clinics: including nursing stations, patient rooms, and NICUs.

M3 White is designed for all health care application such as point-of-care, nursing station work and inventory control featuring with a life-long slim & rugged design with the following key features:



Key Features

- Built-in barcode reader (1D/2D) for bar code based data capture
- WLAN Wifi for real time exchange of mission critical medical data
- Bluetooth for connectivity to a variety of peripherals, such as portable printers.
- Colour Camera for instant photography
- Optional and integrated RFID 13.56Mhz reader for the handling of RFID based pharmaceutical SCM and supports world standard tag - ISO15693, ISO14443A & ISO14443B
- WAN(GPRS/Edge/3G) feature provides real-time, outside the four wall trace & tracking for pharmaceutical supply chain management and Home care service.

M3 White is optimized for medical applications by being both a rugged device with IP65 & 5 feet drop on concrete but maintaining a slim & light design - just 11.3oz(320g) including the battery.

M3 White is also critical in the efforts to modernize medical IT and record keeping in this time of change for the medical profession. Levering the best of enterprise mobility while deploying key housing changes to maintain the sterility of medical environments, M3 White is the perfect IT companion for today's busy mobile medical worker. Increasing efficiency and patient safety are key fundamentals in information technology upgrades for the industry.

M3 White Rugged Handheld Health Care Assistant



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

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White Specifications



FUNCTIONAL

Processor	Marvell Xscale PXA-270 624MHz, ARM9 Series
Memory	128MB RAM
Storage	256MB Flash ROM (max. 512MB)
Expansion	Mini SD Slot
Display	3.5" 240 x 320 QVGA TFT LCD (260k colour) Touchscreen, LED backlight, 140cd/m ² , 45g
Keyboard	Alpha-Numeric/QWERTY/AZERTY
I/O Ports	USB1.1 USB Client, External RS-232 Serial Port, Microphone, Speaker, Stereo Ear-mic jack
Audio	Microphone, Speaker, Stereo Ear-Mic jack, Software support for full duplex record and playback (stereo)
Integrated Communications Options	WWAN RADIO Radio GSM/GPRS/EDGE/HSDPA Frequency Band 850/900/1800/1900/2100MHz WLAN RADIO Radio IEEE 802.11 b/g WPAN RADIO Bluetooth V1.2 Class II RFID embedded 13.56MHz, ISO14443, ISO15693 IrDA V1.2 Integrate Transceiver, 9.6-115.2kbit/s GPS-enabled GPS Sifir III module & 15x15 Active antenna Scanner 1D or 2D Colour Camera 2.0MP, Flash, Auto Focus Windows Mobile® 6.1

Operating System

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%, 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
ESD	+/- 12kV air discharge, +/- direct discharge
Certifications	CE, UL, FCC, RoHS, MIL-STD-810G, IP65

PHYSICAL

Dimensions	79 mm x 164 mm x 25 mm (3.0" x 6.4" x 0.9")
Weight	320g/11.2 oz.(Including standard battery) 350g(Including extended battery)

ELECTRICAL

Power	Rechargeable Li-Ion battery Standard 3.7V 2,200mAh Extended 4,000mAh
Adapter	AC: Input 100V AC to 250V AC, Output 5.2V DC/3A DC: Input 9V DC to 30V DC, Output 5.2V/2A

OPTIONS

Standard Accessories	Adapter, Stylus Pen, Battery, Cradle, USB Cable, Ear-Microphone
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Information in this document is subject to change without notice.



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