

Handheld Computer M3 Orange Plus



Handheld M3 Orange Plus is a mobile multi-functional industrial PDA, available with 5 different powerful RFID units. With its rugged yet lightweight design, the Plus is the perfect fit for the toughest working environments.

A powerful Cortex-A8 833MHz processor guarantees faster graphic processing together with memory access, and allows for running many different applications. The Orange Plus handheld offers is available with Windows Mobile 6.5 and CE 6.0.

Available with fully integrated RFID reader/writer units:

- UHF long-range (860-960 MHz)
- UHF short-range (868 MHz)
- HF (13,56 MHz)
- LEGIC (13,56 MHz)
- LF (125 kHz)

Orange Plus mobile device is rated IP65 and has been designed to fit a variety of applications. A Micro SD slot is integrated. Therefore it becomes an even more versatile device, which can also be used in Public Transport as well as in Mobile Payment applications.

The M3 Orange+ standard configuration includes Wi-Fi, Bluetooth II, a 3.2 MP camera and USB interface.

Options

- 1D Barcode Scanner
- 2D Imager
- GPS SIRF III / HSPA+
- QWERTY Keypad

Accessories

- Desktop Cradle USB
- Spare Battery (3300mA)
- 4 Slot Cradle
- Vehicle Cradle 12V
- Leather Case
- and more

Applications

- Ticketing
- Logistics
- Public transport
- Asset management



Technical Data

Mechanical Specifications

Housing-Material:	ABS
Dimensions:	166 × 79 × 25 mm (without antenna)
Weight:	ca. 332 g (depending on configuration)
Protection Class:	IP65
Drop Test:	1.8 m / 6 ft.

Electrical Specifications

Power Supply:	100 to 240 V AC
LC Display:	3.5" VGA TFT LCD 480 x 640 pixels
Keyboard:	31 alphanumeric keys, backlight, incl. 3×4 numeric keypad, On/Off button, Camera button, Scanner button
Interfaces (Standard):	USB Host 1.1 / Client 2.0, Bluetooth Class II, v2.0 with EDR, Wi-Fi
Options:	1D Scanner, 2D Imager, GPS, QWERY Keypad

Further Specified Data

CPU:	833MHz
RAM / ROM memory	256 MB / 1 GB
Operating system:	MS Windows Mobile 6.5 / CE 6.0 (non-exchangeable)
Rechargeable battery:	Li-Ion 3,7 V/3300mA
Further interfaces:	Micro SD, up to 32 GB
RFID options:	LF, HF, LEGIC, UHF (SR/LR)

Interfaces (option): GSM/GPRS/EDGE/
HSPA+

Environmental Conditions

Operating Temperature:	-20 °C to +50 °C
Storage Temperature:	-30 °C to +70 °C
Humidity:	93% non-condensing

Scope of Delivery

Standard Package: 1 PDA, 1 Battery, 1 Snap
On, 1 stylus pen, 1
String, quick manual

Optional Accessories: Desktop Cradle USB,
Spare Battery, 4 Slot
Cradle, Vehicle Cradle
12V, Leather Case Strap -
Beltclip, Fabric Case, USB
Cable, Screen Protector



RFID Options

UHF short-range / long-range RFID Extension (860 – 960 MHz)

Supported Tags:	ISO 18000-6C incl <i>EPC. Class 1 Gen 2</i> TEGO High-Memory
Operating Distance:	Up to 1m* (LR Version)

HF RFID Extension (13.56 MHz)

Supported Tags:	ISO 14443 A/B ISO 15693 MIFARE® DESFire®
Operating Distance:	Up to 50 mm*

LEGIC RFID Extension (13.56 MHz)

Supported Tags:	LEGIC Prime LEGIC Advant ISO 14443 A/B ISO 15693 MIFARE® DESFire®
Operating Distance:	Up to 50 mm*

LF RFID Extension (125 kHz)

Supported Tags:	EM 4200 EM 4550 NXP Hitag 1, 2, S
Operating Distance:	Up to 50 mm*

*depending on tag/card

Order Codes

Please refer to our latest price list