Rugged Tablet MobiPad MP22 v.3.1

Category:	UMPC - Ruggedized
Manufacturer:	Mobilator
Operating System:	Windows 10 Home x64(license it's not included in price)Windows 10 IoT Enterprise x64(license it's not included in price)
Display:	12.2” (1920*1200) 16:10IPS | GORILLA GLASS | Sunlight Readable
Brightness:	280nits
Processor:	Intel® Atom™ Processor Z8300 (QUAD CORE 1.44 - 1.84GHz)
Memory:	4GB DDR3L
Hard Drive:	**64GB FLASH**
Flash Memory:	Yes
Touch screen:	Yes - capacitive (5-points)
Durability:	IP65
Drop:	1.0m
Shock:	-----
Vibration:	-----
Temperature:	Operating: -20°C -- +60°CStorage temperature: -30°C -- +70°C**MIL-STD-810G**
Humidity:	-----
1D barcode scanner (reader):	**1D(CCD) Motorola SE655**
2D barcode scanner (reader):	-----

RFID scanner (reader):	-----
Other:	G-Sensor
Battery:	Li-Poly 3.7V/12600mAh
Working time on battery:	8 hours (depending on usage)
Fast battery replacement ability:	Yes
HotSwap battery:	No
LAN:	Yes
WLAN:	802.11 a/b/g/n
Bluetooth:	Bluetooth 4.0
WAN:	**Yes - WCDMA(3G)**
GPS:	**U-blox NEO-7 (GPS+Beidou)**
Camera:	Front: 2MpxRear: 5Mpx
In/Out:	1x HDMI 1.4a (type C)1x LAN1x MicroSD card reader(max.64GB)2x USB 2.01x USB 3.02x COM(RS232,RS485)Docking port(12 Pogo PinDC In
Optional accessories:	Docking Station1x - Charging port (device)1x - Charging port (battery)3x - USB 2.01x - RJ451x - DC InWrist StrapShoulder StrapStand for tabletKeyboard with
Optional accessories:	Docking Station1x - Charging port (device)1x - Charging port (battery)3x - USB 2.01x - RJ451x - DC InWrist StrapShoulder StrapStand for tabletKeyboard with
Docking station connector:	Yes
VESA standard – holders and mounts support:	No
COM port:	Yes
Magnetic card reader (MSR):	-----
Microchip card reader:	-----
Contrast:	-----
Graphics card:	Intel HD Graphic
Chipset:	-----
BIOS:	-----

Casing material:	-----
Flash Card Reader:	SD
CD/DVD:	-----
Audio:	Built-in Microphone | Audio Jack | 2x - Speaker 0.8W/8Ω
Keyboard:	on-Screen | Function keysVolume + | Volume - | Power | Functional
Additional Navigation Devices :	-----
Color:	-----
Swivel Hinge:	-----
VGA out:	-----
TV Out:	-----
TV Tuner:	-----
Security:	IP65 | MIL-STD-810G
Waterproof:	IPX5
Sand and dust:	IP6X
Size:	319.6*216*23.4 mm - 1500 (with battery)
Fanless casing:	Yes

Product from the Archive - production finished

MobiPad MP22 is a new proposal 12.2 - inch tablet works with Windows 10. The tablet has a specially designed, reinforced structure, adapted for use in harsh environmental conditions. The device works great when in the home and industrial use.

MobiPad MP22 is offered with the latest quad-core Intel® Atom ™ processor Z8300 to ensure the highest performance, low power consumption and long battery life. The tablet works with Windows 10 operating system to meet the growing requirements in industrial applications.

Processor	Intel® Atom™ Processor Z8300 (QUAD CORE 1.44 - 1.84GHz)
Graphics	Intel HD Graphic
Display	12.2” (1920*1200) 16:10 | Sunlight Readable
Type of display	IPS | Gorilla Glass | Capacitive (5-punktowy)
LED	Power
Brightness	280nits
RAM	4GB DDR3L
ROM	64GB FLASH
Connectors	HDMI 1.4a | MicroSD Reader | USB 2.0/3.0 | LAN | COM Ports | Docking | DC In
GPS (optional)	U-blox NEO-7 (GPS+Beidou+Glonass)
Audio	Built-in Microphone | Audio Jack | 2x - Speaker 0.8W/8Ω
Camera	FRONT: 2Mpx
	REAR: 5Mpx
Battery	Li-Poly 3.7V/12600mAh
Keyboard	On-Screen | Functional keys
	Volume + | Volume - | Power | Home | Functional

New Portable Devices | NIP: 872-120-56-82 | Mobile.: +48 508 235 505 | e-mail: sklep@mobilator.pl
Account number: ALIOR BANK SA 68 2490 0005 0000 4500 2328 8078

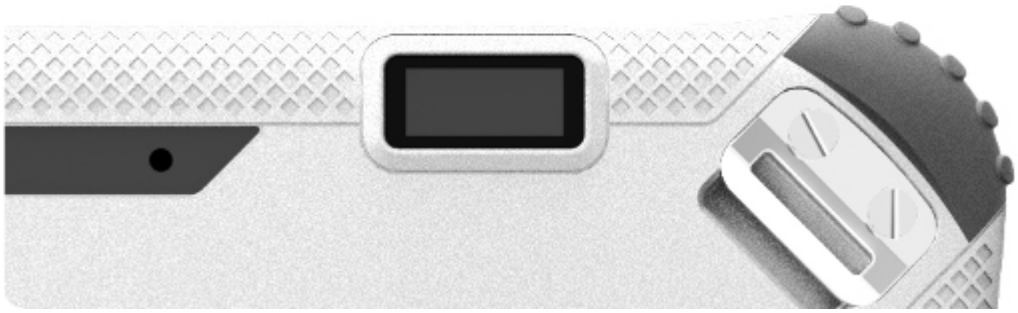
Modules	802.11 a/b/g/n : Bluetooth 4.0
Dimensions	319.6*216*23.4 mm - 1500g (with battery)
Resistance	IP65
Readers (optional)	**4G | NFC | 1D/2D Scanner**
Sensors (factory)	G-Sensor
Warranty	12 months

Refer to the "Technical Data" overlap - what possibility have subsequent versions of the devices. To gain additional information about the product click on the "Ask about the product" or go to the contact form.

128GB	–	–	✓	–	–	–	✓	–	–	✓
3G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4G	–	–	–	–	–	–	–	–	–	–
GPS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NFC	–	–	–	✓	–	–	–	–	–	–
Intel Z8300	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Intel 5Y30	–	–	–	–	–	–	–	–	–	–
1D (CCD)	–	–	–	–	✓	✓	✓	–	–	–
2D (CMOS)	–	–	–	–	–	–	–	✓	✓	✓
Sunlight Readable	–	✓	✓	–	–	✓	✓	–	✓	✓

Barcode Scanner

Quick and accurate identification of the object relieves the warehouseman and does not create a bottleneck in logistics processes. 2D barcode reader allows you to read, decode and send to your data stored in the bar code.With dynamic scanning capabilities and wide range of reading MobiPad device and MMP quickly and accurately retrieves the data, which helps to increase the rate and efficiency.



Model	Motorola SE655	Honeywell N3680
Type of scanner	1D	1D/2D
Display type	CCD	CMOS

NFC

Near field communication (NFC) is a set of ideas and technology that enables smartphones and other devices to establish radio communication with each other by touching the devices together or bringing them into proximity to a distance of typically 10 cm or less.

	NFC
Frequency	13.56 MHz
Reading distance	to 4 cm
Supported standards	ISO/IEC 14443 A/B
	ISO/IEC 15693
	ISO/IEC 18092

Standards

In terms of device ruggedness, the MP22 can withstand a 4-foot drop, and with IP65 sealing, where the first digit "6" means the device is dustproof and the second digit "5" means that the device has the ability to handle low pressure water jets from all directions. The tablet can operate in temperature range of -20° to 60°C, optimized for most industrial deployments. MP22 is a sharp looking, sturdy and powerful device that can hold up well against use in harsh environment with its industrial grade rugged design.

Operating temperature	-20°C -- +60°C
Storage temperature	-30C -- +70°C

MIL-STD 810G

Durability is one of the most important factors to consider when choosing mobile solutions, which is why MobiPad ensures that its fully rugged units operate even when dropped onto concrete, or used in harsh environmental conditions such as heat and cold, dust and rain. Rigorous tests that pass MobiPad products ensures that our customers receive products that meet the highest standards of durability and reliability. MobiPad ensures compliance with the most rigorous standards in this area - **MIL-STD 810G** according to test its products. This standard, set by the US military, is the most widely used international standard.

Dust	IP6x
Water	IPx5
Drop	1.0 m

The battery at its best

High quality Li-Polymer battery provides a long operating life under severe temperature conditions. With MobiPad MP22 you can easily work out at temperatures as low as -20 ° C.

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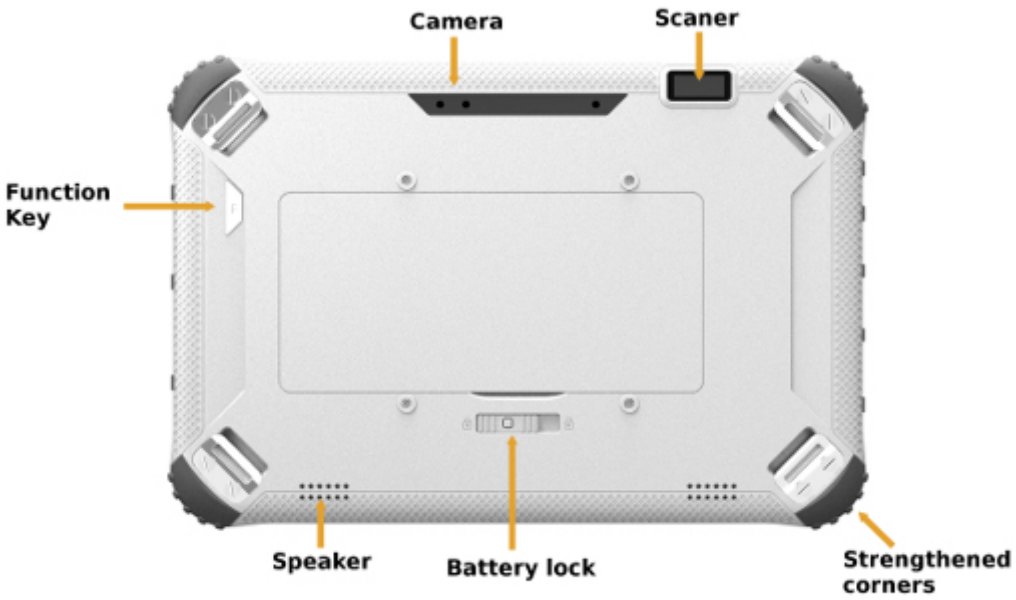
Thanks **3G**(4G as option) module, user can connect with Internet by insert SIM card in right place.

WIFI	802.11 a/b/g/n
GPS (optional)	U-blox NEO-7
Bluetooth	Bluetooth 4.0
3G (optional)	WCDMA (900 / 2100 MHz)
4G (optional)	WCDMA/GSM/GPRS/EDGE (900/1800MHZ

Real-time data access to the right information is very important to mobile users. MP22 offers 3G, GPS, WiFi 802.11 a/b/g/n, Bluetooth 4.0 which enable users to get connect in the way that best suits their needs. With built-in 5.0 Mega Pixels camera on rear side, users can capture photos, videos, documents instantly, or utilize the front 2.0 Mega Pixel camera for application such as user self video recording, or video communication.

Dimensions	319.6*216*23.4 mm
Weight	1500g



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Docking Station

The docking station (optional) enables simultaneous battery charging device and the battery itself. When you dock your device will be extended to additional ports located directly at the station.

Available ports	2x - charging ports | 3x - USB 2.0 | RJ45 | DC In

Wrist Strap

Working comfort with the device can help you by buying durable stand (optional). It provides a stable position or facilitate safe movement on the tablet.