



MobiPad L400N v.2 - Rugged data terminal, NFC module and 1D barcode scanner, IP66 standard, 2GB RAM, 16GB ROM

Category:	UMPC - Ruggedized
Manufacturer:	Mobikator
Operating System:	Android 10.0
Display:	4" (480x800) Capacitive
Brightness:	~450Nit
Processor:	Cortex A53 - Quad Core (4x 1.3 GHz)
Memory:	2GB RAM
Hard Drive:	16GB
Flash Memory:	Yes
Touch screen:	Yes
Durability:	IP66
Drop:	1.2 meters
Shock:	-----
Vibration:	-----
Temperature:	Operating temperature: -20°C -- +55°C Storage temperature: -40°C -- +70°C
Humidity:	5% - 95% non-condensing

1D barcode scanner (reader):	Mindeo SE966
2D barcode scanner (reader):	None (available in other version)
RFID scanner (reader):	-----
Other:	Gravity Sensor Light sensor Distance sensor Vibration motor
Battery:	3.8V 4500mAh Lithium
Working time on battery:	Operating time (depending on usage) - 12h
Fast battery replacement ability:	Yes
HotSwap battery:	No
LAN:	-----
WLAN:	IEEE 802.11 a/b/g/n/ac
Bluetooth:	Bluetooth 4.0 +HS
WAN:	GSM: 850/900/1800/1900MHz WCDMA: 850/900/1900/2100MHz FDD: B1/B2/B3/B5/B7/B8/B20 TDD: B38/B41
GPS:	Support GPS
Camera:	Rear: 8Mpx, Flash, Autofocus Front: 5Mpx
In/Out:	USB Type C Port TF Card Port Nano SIM x2 2x PSAM - none (available in other version)
Optional accessories:	Additional battery
Docking station connector:	Yes - POGO PIN
VESA standard – holders and mounts support:	-----
COM port:	No
Magnetic card reader (MSR):	-----
Microchip card reader:	-----
Contrast:	650:1
Graphics card:	-----
Chipset:	-----
BIOS:	-----
Casing material:	high quality plastik and rubber

Flash Card Reader:	micro SD/TF max. 128GB
CD/DVD:	-----
Audio:	Build-in Microphone Build-in Speaker
Keyboard:	Touch screen + buttons Home Menu Return ON/OFF Volume+/- Functional
Additional Navigation Devices :	-----
Color:	black
Swivel Hinge:	-----
VGA out:	-----
TV Out:	-----
TV Tuner:	-----
Security:	IP66
Waterproof:	IP66
Sand and dust:	IP66
Size:	162 x 71.5 x 17mm
Fanless casing:	Yes

410,12 €

net price: 333,43 €



MobiPad L400N

mobile data collector
with keyboard and
touch screen

TECHNICAL SPECIFICATION

RESISTANCE AND DURABILITY

CONNECTIVITY AND COMMUNICATION

DEVICE APPLICATION

AVAILABLE VERSIONS

Small dimensions industrial MobiPad L400N excel in environments where dust, dirt and moisture predominate. They are ideal for applications requiring quiet operation. Small and reliable umpc use heat-pipe technology and plastic fins for passive cooling. The robust industrial laptop is a device designed for all industrial and non-continuous applications requiring continuous operation - 24 hours, 7 days a week.



Reinforced housing

The reinforced MobiPad case is resistant to mechanical damage and

external factors such as temperature difference.



Lightweight design

The data terminal weight does not exceed 300 g, so it can be conveniently carried in a bag or backpack.



Efficient components

The Cortex by Qualcomm quad - core CPU provides improved device performance.



Wireless network

The umpc can be connected to nearby wireless networks by equipping it with an installed Wi-Fi module.



Quick start

A modern eMMC memory will increase the speed of application programs.



IP66 Protection

Thanks to the IP66 standard, we are provided with complete protection against dust and immersion of the device in water.

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SPECIFICATION

Performance	
Processor	Cortex A53 - 1.3 GHz Quad Core
Operating system	Android 10
RAM	2GB
Drive	16GB
Interfaces	
Connectivity	Wi-Fi IEEE (802.11 a/b/g/n/ac ; 2.4 GHz/5GHz) GSM/ WCDMA/ 4G LTE/ TDD/ GPS Bluetooth 4.0 +HS (5-10m)
Connectors	2x PSAM* (optional) 2x Nano SIM 1x TF Card (max. 128GB) 1x USB - Typ C
Other	
Available colors	Black
Dimensions	162 mm x 71.5 mm x 17 mm
Weight	300g
Code readers	
Scanner 1D	Mindeo SE966
Scanner 2D	Honeywell N3603* (opcjonalnie) Honeywell N6603* (opcjonalnie) Newland E483* (opcjonalnie)

* equipment or accessory available in other versions or on special order

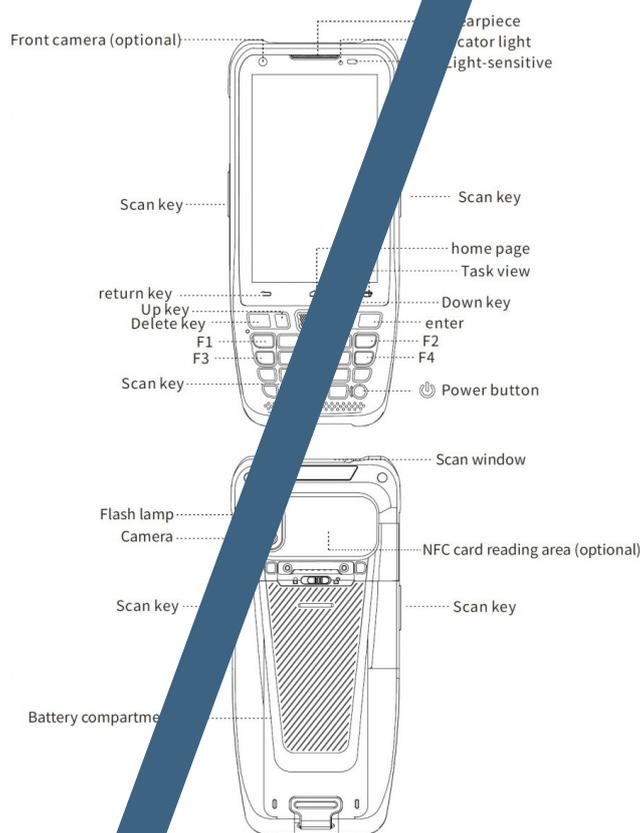


Detailed device specification is available in the "Technical data" tab.

EFFICIENT PROCESSOR

The industrial umpc MobiPad L400N uses an efficient and energy-saving Qualcomm Quad Core processor. Inside it there are four cooperating cores enabling more efficient processing of many tasks at the same time. The shared cache memory in which the multilevel hierarchy is used is dynamically allocated to each processor core depending on the load. This reduces the average access time to the main memory.

INTERFACES AND BUTTONS



DIMENSIONS



The ergonomics of work is provided by a functional keyboard and a color touch screen, everything is enclosed in a slim and small housing. Thanks to this, you can take it anywhere with you.

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RESISTANCE

TEMPERATURES

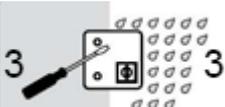
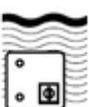
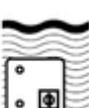
L400N by MobiPad is designed for continuous operation in both very low and high temperatures ranging from -20°C to 55°C . If the device is switched off, it can already handle temperatures in the range of -40°C to $\sim 70^{\circ}\text{C}$.



Work temp.	-20°C — ~55°C
Storage temp.	-40°C — ~70°C
Humidity	5% — 95%

IP66 PROTECTION

IP stands for Ingress Protection and is essentially a rating system developed by the International Electrotechnical Commission or the IEC. The system is now being used to classify different degrees of protection against intrusion or immersion. The IP rating is usually followed by two digits. The first indicates the level of dust-resistance, the second water resistance. Dust-resistance levels goes from 0 up to 6 while water-resistance goes from 0 to 8.

The first digit [x] Protection against solid objects	Protection Level	The second digits [y] Protection against liquids
No special protection	0  0	No special protection
Protection from solid objects greater than 50mm in diameter	1  1	Protection from dripping water
Protection from object not greater than 12mm in diameter	2  2	Protection from vertically dripping water (tilted up to 15°)
Protection from object not greater than 2,5mm in diameter	3  3	Protection from sprayed water (tilted up to 60°)
Protection from object not greater than 1mm in diameter	4  4	Protection from splashed water
Complete protection against contact, Protection against dust deposit	5  5	Protection from water projected from a nozzle
Complete protection against contact, Protection from infiltration of dust	6  6	Protection against heavy seas, or powerful jets of water
	 7	Protection against immersion
	 8	Protection against complete, continuous submersion in water

MECHANICAL DAMAGE

The passive cooling system used in the umpc combined with the eMMC memory make this computer very resistant to various types of mechanical injuries. An additional advantage of industrial computers is a solid construction made of high quality plastic and specially designed in such a way that in addition to high efficiency in heat dissipation, it can also resist any external damage.

CONNECTION

WIRELESS NETWORK

The dual-band Wi-Fi module provides quick access to the network wherever you can connect to secured or open Wi-Fi networks. This is a convenient solution for people who have a router at home or place of residence and a wireless network that can be used at no extra charge. Industrial umpc has been equipped the standard of - 802.11(a/b/g/n/ac), which allows transfer of files at a dizzying speed of up to 300 Mb / s.

BARCODE SCANNER

Barcode Reader allows you to read, decode and transfer stored data in barcode to your computer. Thanks to dynamic scanning method and the large range of reading, data collector is capable of carefully collecting data, which helps to increase the rate and efficiency of work. Simplified installation procedure, convenient and intuitive design allow to start scanner work very easy and quickly.



NFC

Near Field Communication - a short-range, high-frequency, radio communication standard that allows for wireless data exchange at a distance of up to several centimeters. The technology is a simple extension of ISO / IEC 14443 that combines the smart card interface and reader in one device. NFC devices can communicate with both existing devices in the ISO / IEC 14443 standard, as well as with other NFC devices, and thus are compatible with the existing and already in use public transport and payment infrastructure. NFC present in the device supports ISO / IEC 14443A / B and ISO15693 protocols. Working distance is 2-5 cm.



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APPLICATIONS

TRADE AND SERVICES

Industrial umpc is an ideal tool to support us in the implementation of many activities in the field of trade, small dimensions increase the possibility of its adaptation to activities such as quick scan 1D or 2D barcodes in optimal sales management.



WAREHOUSE AND LOGISTICS

Thanks high performance an industrial umpc can be used to connect multiple devices in a warehouse and make their management much easier. Its rugged casing are ideal for harsh environments in such rooms. The solid construction guarantees long-lasting work, even in environments with high dustiness and dirt.



WORKSHOP AND DIAGNOSTIC

With the help of dedicated connectors supported by our data collector, it can be used as a diagnostic tool for cars and machines with an on-board computer, thanks to which we are able to independently detect faults and also test specific systems.



More pictures of the device available in the ["Gallery"](#) tab.

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The industrial MobiPad L400N umpc is offered in several versions to suit different needs. By clicking on the number of the hardware configuration you will be redirected to the product with the parameters given in the table below. In addition, it is possible to create a configuration that is currently unavailable on the customer's request.

It is possible to purchase additional battery which will help to lengthen worktime and be useful in problematic situations.

	v.1	v.2	v.3	v.4	v.5	v.6	v.7
scanner 1D Honeywell N4313	-	-	+	-	-	-	+
scanner 1D Mindeo SE966	-	+	-	-	-	-	-
2xPSAM	-	-	-	-	-	-	+
scanner 2D Newland E483	-	-	-	+	-	-	-
scanner 2D Honeywell N3603	-	-	-	-	+	-	-
scanner 2D Honeywell N6603	-	-	-	-	-	+	-