Mobile.: +48 508 235 505
e-mail: sklep@mobilator.pl

Rugged Industrial Data Collecto MobiPad SL70 UHF v.2

Category:	UMPC - Ruggedized
Manufacturer:	Mobilator
Operating System:	Android 9.0
Display:	5,7" (720x1440) IPS LCDPojemnościowy
Brightness:	0-100,000 lux(total darkness to bright sunlight)
Processor:	Cortex A53 - 2.0 GHz Octa Core (8x 2.0 GHz)
Memory:	3GB
Hard Drive:	32GB
Flash Memory:	Yes
Touch screen:	Yes
Durability:	IP66
Drop:	1.2 meters
Shock:	-----
Vibration:	-----

Temperature:	Operating temperature: -20°C -- +55°CStorage temperature: -40°C -- +70°C
Humidity:	5% - 95% non-condensing
1D barcode scanner (reader):	No (Available in other version)
2D barcode scanner (reader):	2D Scanner Honeywell N3603
RFID scanner (reader):	RFID UHF (865 - 869 MHz)Range: 0 - 10 m
Other:	Digital Compass | Gravity Sensor
Battery:	3.8V 5000mAh Lithium
Working time on battery:	Operating time (depending on usage) - 12h
Fast battery replacement ability:	No
HotSwap battery:	No
LAN:	-----
WLAN:	IEEE 802.11 a/b/g/n
Bluetooth:	Bluetooth 4.1
WAN:	GSM: 900/1800/1900 B2/B3/B8WCDMA: 850/1900/2100 B1/B2/B5FDD-LTE: 1800/2100/2600 B1/B3/B7LTE_TDD:2555-2655MHz/:2300-2400MHz B41/B40
GPS:	Support GPS, DBS, GLONASS
Camera:	-----
In/Out:	USB Type C | Port TF Card | Port Nano SIM | 2x PSAM
Optional accessories:	Additional battery, Docking station
Docking station connector:	Yes
VESA standard – holders and mounts support:	-----
COM port:	No
Magnetic card reader (MSR):	-----
Microchip card reader:	-----
Contrast:	800:1
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| Audio Jack
Keyboard:	Touch screen + buttonsHome | 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:	159 mm x 75 mm x 124 mm
Fanless casing:	Yes

2 952,37 zł

net price: 2 400,30 zł

TECHNICAL SPECIFICATION

RESISTANCE AND DURABILITY

CONNECTIVITY AND COMMUNICATION

DEVICE APPLICATION

AVAILABLE VERSIONS

Small dimensions industrial MobiPad SL70 UHF 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 mechnical damage and external factors such as

temperature difference.

Lightweight design

The data terminal weight does not exceed 500 g, so it can be conveniently carried in a bag or backpack.

Efficent 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.

IP66 Protection

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

Quick start

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

SPECIFICATION

Performance	
Processor	Cortex A53 - 2.0 GHz Octa Core
Operating system	Android 9.0
RAM	3 GB
Drive	32 GB eMMC

Interfaces	
Connectivity	Wi-Fi IEEE (802.11 a/b/g/n ; 2.4 GHz/5GHz) LTE, WCDMA, GSM, GPRS, Edge Bluetooth 4.1 RFID UHF 865 - 868 MHz 2D Barcode Scanner Honeywell N3603
Connectors	2x PSAM 1x Nano SIM 1x TF Card 1x USB - Type C

Other	
Available colors	Black

Other	
Dimensions	147.3 mm x 71.1 mm x 13.5 mm
Weight	>500 g

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

EFFICIENT PROCESSOR

The industrial umpc MobiPad SL70 UHF 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

function button

pistol grib

barcode scanner

USB Type - C

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

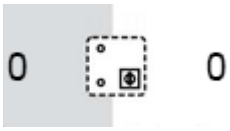
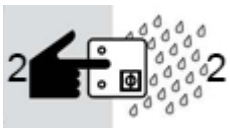
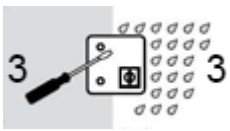
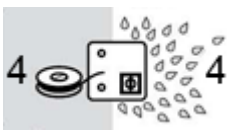
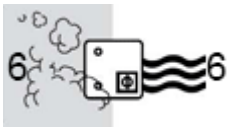
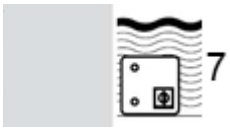
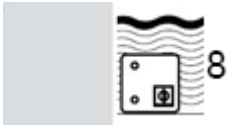
SL70 UHF by MobiPad is designed for continuous operation in both very low and high temperatures ranging from -20 ° C to 50 ° C. If the device is switched off, it can

already handle temperatures in the range of -20 ° C to ~70 ° C.

Work temp.	-20°C — ~50°C
Storage temp.	-20°C — ~70°C
Humidity	10% — 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		No special protection
Protection from solid objects greater than 50mm in diameter		Protection from dripping water
Protection from object not greater than 12mm in diamete		Protection from vertically dripping water (tilted up to 15°)
Protection from object not greater than 2,5mm in diameter		Protection from sprayed water (tilted up to 60°)
Protection from object not greater than 1mm in diameter		Protection from splashed water
Complete protection against contact, Protection against dust deposit		Protection from water projected from a nozzle
Complete protectionm against contact, Protection from infiltration of dust		Protection against heavy seas, or powerful jets of water
		Protection against immersion
		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.

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CONNECTION

WIRELESS N NORK

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 X14 has been equipped the standard of - 802.11(a/b/g/n), which allows transfer of files at a dizzying speed of up to 300 Mb / s.

BARCODE SCANNER

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

NFC (OP N)

It's 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.

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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 AN .OGISTICS

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.

CONVENIENCE AND PRECISION

The pistol grip with which our data collector is equipped allows for long-term comfortable work and perfect precision during inventory taking.

More pictures of the device available in the "Gallery" tab.

go up...

VERSIONS

The industrial MobiPad SL70 UHF 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.

	v.1	v.2	v.3	v.4
2D Honeywell N3603	—		—	
NFC	—	—		