



DDR3
HDMI

Industrial MiniPC mBOX-T4500U v.1

mobikator.plTM



Category:	MiniPC Industry
Manufacturer:	Mobikator
Supported OS:	Microsoft Windows: XP/Vista/7 , Linux
Installed OS:	-----
Chipset:	Intel H81
CPU Support:	-----
Installed CPU:	Intel i7 47500 (2x1.8GHz)
Graphic Card:	Intel HD Graphics 4400
Memory Support:	4GB DDR3 (can up to 16GB)
Installed Memory:	4GB DDR3
Storage (HDD) Support:	-----
Installed Storage (HDD):	32GB SSD
IP Norm:	-----
Temp:	0 - 50
Storage temperature:	-15 - 70
Humidity:	0 ~ 95%
Others:	Colour Black, Case
LAN:	Realtek RTL8111DL - 10/100/1000
Wireless LAN card:	Yes
3G:	-----

Bluetooth:	-----
Rear Panel (ports):	4x USB 3.0,1x Audio,1x RJ-45, DC-in Jack,1x Mic,1x HDMI, 1x DP
Front Panel (ports):	2x USB 2.0, Power ON/OFF
Expansion:	-----
Power:	12V
Watch Dog Timer:	-----
CD/DVD Drive:	-----
TV Tuner:	-----
Dimensions:	185 x 220 x 40 mm
Fanless:	-----
Weight:	2.5 kg

Product from the Archive - production finished



Industrial MiniPC

Industrial PCs are excellent in environments dominated by dust, dirt and moisture. They are ideal for applications that require quiet operation. Small and reliable MiniPC use heat-pipe technology and aluminum fans for passive cooling.

mBOX-T4500U is a series of devices for industrial applications requiring continuous operation - 24 hours, 7 days a week.

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Housing dimension are **185 (W) x220 (L) x40 (H) mm**. Housing is made of high quality aluminum what ensures a very high resistance to mechanical damages. This model with weight of only **2.5 kg** is ready at any time for operation even in extreme conditions such as heat, cold, vibration.

Using the latest technology Digital Engine (industrial fanless MiniPC) is designed for continuous multitasking operating with low power consumption. An important advantage is the effective combination of small size with considerable opportunities through the use of Intel's processor family, Intel chipset and **DDR3** memory. Integrated **Intel HD Graphics 4400** video and audio **Realtek ALC662** allow you to play a wide range of applications and media files (video, audio) - in Full HD quality. Disks offer free space **32GB SSD**.



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Integrated card - **RTL8111DL - 10/100/1000** and **WiFi** module allow connection to the network. The computer is equipped with: one **LAN** port, two **USB 2.0** ports, four **USB 3.0** ports, one **DP** input, one **HDMI** input, one way audio, one microphone input.

Front panel:



1. 2x USB 2.0
2. Power ON/OFF

Rear panel:



1. Audio/Mic
2. 4x USB 3.0
3. 1x RJ-45
4. 1x Display Port
5. 1x HDMI
6. DC-IN 12V



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Cooling

The industrial MiniPC mBOX-T4500U uses a special method of cooling. This cooling takes place mainly by means of housing having a very large surface (longitudinal lamellae, ribs) - for heat dissipation.

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Industrial MiniPC Series mBOX-T4500U are based on high-performance two-core processors and high-quality components. Mini computers are locked in small industrial housing which perfectly discharge heat from the device interior. Wide choice of mBOX models can give possibility to configure, enabling optimal selection of mini computer to multimedia applications and industrial applications. The biggest advantages of these devices are: small size, performance and energy efficiency. An extra pair of brackets at the bottom of the enclosure increases the possibility of installation in all kinds of places and positions. Offered model mini PC has been selectively chosen and configured specifically to the requirements of Digital Signage systems, gaming machines, amusement machines, information kiosks and industrial automation systems.



Dual Display



Areas of use of industrial MiniPC

