



Industrial MiniPC mBOX-3217U v.3

Category:	MiniPC Industry
Manufacturer:	Mobikator
Supported OS:	Microsoft Windows: XP/Vista/7 , Linux
Installed OS:	-----
Chipset:	Intel HM77
CPU Support:	-----
Installed CPU:	Intel i3 3217U (2x1.8GHz)
Graphic Card:	Intel HD Graphics 4000
Memory Support:	4GB DDR3 (can up to 8GB)
Installed Memory:	8GB DDR3
Storage (HDD) Support:	-----
Installed Storage (HDD):	500GB HDD
IP Norm:	-----
Temp:	0 - 50
Storage temperature:	-15 - 70
Humidity:	0 ~ 95%
Others:	Colour Silver, Case
LAN:	Intel RTL8111E Gigabit Lan
Wireless LAN card:	Yes
3G:	-----

Bluetooth:	-----
Rear Panel (ports):	4x USB 2.0, 2x USB 3.0, 1x Audio, 1x RJ-45, DC-in Jack, 1xVGA, 1x Mic, 1x HDMI, 1x DVI
Front Panel (ports):	2x USB 2.0
Expansion:	-----
Power:	12V
Watch Dog Timer:	-----
CD/DVD Drive:	-----
TV Tuner:	-----
Dimensions:	197 x 197 x 29 mm
Fanless:	-----
Weight:	2.0 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-3217U is a series of devices for industrial applications requiring continuous operation - 24 hours, 7 days a week.

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Housing dimension are **197 (W) x197 (L) x29 (H) mm**. Housing is made of high quality aluminum what ensures a very high resistance to mechanical damages. This model with weight of only **2.0 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 4000** 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 **500GB HDD**.



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Integrated card - **Intel RTL8111E Gigabit Lan** 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 **HDMI** input, one **VGA** input, one way audio, one microphone input.

Front panel:



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

Rear panel:



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



Cooling

The industrial MiniPC mBOX-3217U 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-3217U 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

