Computer Industrial Fanless MiniPC IBOX-620i5U v.5.1

Category:	MiniPC Industry
Manufacturer:	Mobilator
Others:	Colour Black
Chipset:	Intel express chipset
CPU Support:	-----
Installed CPU:	**Intel i5 6200U Dual Core (2x2,3GHz)**
Memory Support:	DDR4 (max.16GB) 2133MHz SO-DIMM
Installed Memory:	**8GB DDR4**
Graphic Card:	Intel HD Graphics 520
Storage (HDD) Support:	SSD/HDDmSATA
Installed Storage (HDD):	**256GB SSD**
CD/DVD Drive:	-----
LAN:	**Intel i211AT 1000M Lan**
Wireless LAN card:	No
Bluetooth:	No
3G:	**4G LTE**
TV Tuner:	-----
Watch Dog Timer:	0 ~ 255 sec

Front Panel (ports):	4x USB2.0 2x COM(RS232)Power ON/OFF
Rear Panel (ports):	DC-IN 12V, 1x VGA, 4x COM(RS232), 2x RJ-45 LAN, 1x Mic, 1x Audio, 1x HDMI, 2x USB 3.0
Power:	12V
Supported OS:	Microsoft Windows: 7/8/8.1/10, Linux
Installed OS:	-----
Dimensions:	263 x 165 x 70 mm
Weight:	1000g
Expansion:	-----
Fanless:	Yes
Humidity:	10 ~ 90%
Temp:	0 50
IP Norm:	-----
Storage temperature:	-20 ~ 80

Product from the Archive - production finished

Industrial Fanless

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

Industrial Fanless MiniPC IBOX-620i5U is a series of devices for industrial applications requiring continuous operation - 24 hours, 7 days a week.

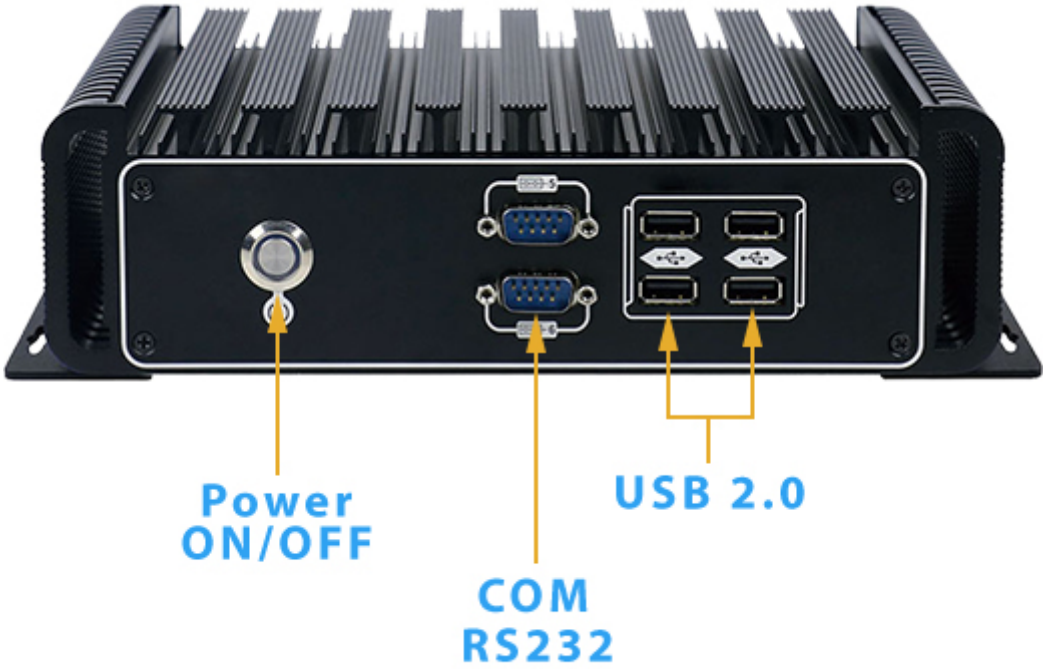
go top...

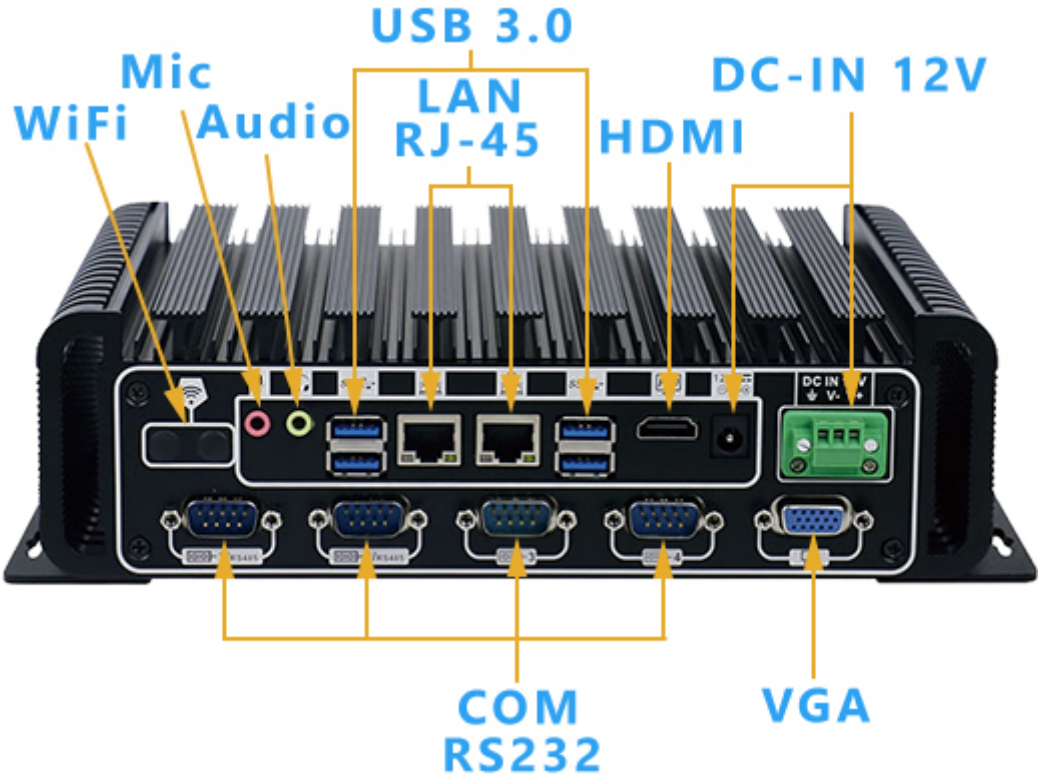
Housing dimensions are **263 (W) x165 (L) x70 (H) mm**. Housing is made of high quality aluminum what ensures a very high resistance to mechanical damages. This model is ready at any time for operation even in extreme conditions such as heat, cold, vibration.

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 **4/8/16GB DDR4** memory. Integrated **Intel HD Graphics** 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 **64GB/128GB/256GB SSD and 500GB HDD**.

go top

Integrated card - **Intel i211AT 1000M Lan** and **4G LTE** module allow connection to the network. The computer is equipped with: two **LAN** ports, two **HDMI** ports, four **USB 2.0** ports, four **USB 3.0** ports, six **COM (RS232)** ports, one **VGA** output, one **Audio** input and one **Mic** output.





Cooling

The Industrial Computer Fanless MiniPC IBOX-620i5U uses a special method of cooling. This cooling takes place mainly by means of housing having a very large surface (longitudinal lamells, ribs) - for heat dissipation.

go top . . .

Industrial Computer Fanless MiniPC IBOX-620i5U are based on high-performance dual-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 IBOX models can give possibility to configure, enabling optimal selection of mini computer to multimedia applications and industrial applications. The biggest advantagesof 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.

Areas of use of industrial MiniPC

Dual Display