



## Industrial Computer Fanless MiniPC nBOX-20Y BAREBONE



<b>Category:</b>	MiniPC Industry
<b>Manufacturer:</b>	Mobilator
<b>Others:</b>	Colour: Silver, Case: plastic
<b>Chipset:</b>	Intel NM10 Chipset
<b>CPU Support:</b>	-----
<b>Installed CPU:</b>	Intel Atom D525 (2x1.80 GHz)
<b>Memory Support:</b>	2GB DDR3 (can up to 8GB)
<b>Installed Memory:</b>	No
<b>Graphic Card:</b>	Intel HD Graphics
<b>Storage (HDD) Support:</b>	HDD/SSD
<b>Installed Storage (HDD):</b>	No
<b>CD/DVD Drive:</b>	-----
<b>LAN:</b>	RTL8103EL 10/100 network card
<b>Wireless LAN card:</b>	No
<b>Bluetooth:</b>	-----
<b>3G:</b>	-----
<b>TV Tuner:</b>	-----

<b>Watch Dog Timer:</b>	-----
<b>Front Panel (ports):</b>	-----
<b>Rear Panel (ports):</b>	4 x USB 2.0 1 x HDMI 1 x VGA 1 X Mic 1 X Audio 1 x DC-IN 1 x LAN RJ45 1xCOM RS-232(option)
<b>Power:</b>	12V
<b>Supported OS:</b>	Microsoft Windows: 7/XP, Linux
<b>Installed OS:</b>	-----
<b>Dimensions:</b>	197 x 197 x 40 mm
<b>Weight:</b>	1.5 kg
<b>Expansion:</b>	-----
<b>Fanless:</b>	No
<b>Humidity:</b>	0 ~ 95%
<b>Temp:</b>	0 ~ 50
<b>IP Norm:</b>	-----
<b>Storage temperature:</b>	-10 ~ 60

**Product from the Archive - production finished**



## Industrial Fanless

Fanless 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 of heat-pipe technology and aluminum fans for passive cooling.

**nBOX-20-Y** is a series of devices for industrial applications requiring continuous operation - 24 hours, 7 days a week.

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Housing dimensions are **197 (W) x 197 (L) x 40(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** video and audio **Realtek ALC662** allow you to play a wide range of applications and media files (video, audio) - in Full HD quality.



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Integrated card NIC **RTL8103EL 10/100** Onboard Gigabit LAN allows you to connect the device to the network. The computer is equipped with: one **LAN** connector, one **HDMI** output, four **USB 2.0** ports, one **VGA**, one **Mic** input one **audio** input, optionally equips one in **COM** port (RS-232).





## Cooling

The industrial fanless MiniPC nBOX-20-Y uses a special method of cooling. This cooling takes place mainly by means of housing having a very large surface for heat dissipation. Fan used inside the computer is designed to rapidly drain hot air from the CPU, allowing MiniPC to reach more efficiently and faster cooling.

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Industrial MiniPC Series nBOX-20-Y 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 IBOX 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**

