Durable Computer Industrial Fanless MiniPC IBOX-NM31C i3 Barebone

Category:	MiniPC Industry
Manufacturer:	Mobilator
Others:	Colour Black
Chipset:	Intel express chipset
CPU Support:	-----
Installed CPU:	**Intel Core i3 6100U (2x 2.3GHZ)**
Memory Support:	DDR4 (max.16GB) 1866/2133MHz SO-DIMM
Installed Memory:	**-----**
Graphic Card:	Integrated Intel HD Graphics 520
Storage (HDD) Support:	SSD/HDDmSATA
Installed Storage (HDD):	**-----**
CD/DVD Drive:	-----
LAN:	**RTL8111E 10/100/1000M**
Wireless LAN card:	-----
Bluetooth:	-----

3G:	-----
TV Tuner:	-----
Watch Dog Timer:	-----
Front Panel (ports):	4x USB3.0 1x COM(RS232)Power ON/OFF
Rear Panel (ports):	DC-IN 12V, 2x RJ-45 LAN2x USB2.01xHDMI1xBR1xAUDIO/MIC
Power:	12V
Supported OS:	Microsoft Windows: 7/8/8.1/10, Linux
Installed OS:	-----
Dimensions:	155 x 126,5 x 52,5 mm
Weight:	1600g
Expansion:	-----
Fanless:	Yes
Humidity:	0 ~ 95%
Temp:	-10 50
IP Norm:	-----
Storage temperature:	-10 ~ 50

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.

Durable Computer Industrial Fanless MiniPC IBOX-NM31C i3 is a series of devices for industrial applications requiring continuous operation - 24 hours, 7 days a week.

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Housing dimensions are **155 (W) x126,5 (L) x52,5 (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 **4GB/8GB/16GB DDR4** memory. Integrated **Integrated Intel HD Graphics 520** 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 **128GB/256GB SSD and 500GB HDD**.

	v.0	v.1	v.2	v.3	v.4	v.5	v.6
4GB RAM	—		—	—	—		
8GB RAM	—	—			—	—	—
16GB RAM	—	—	—	—		—	—
128GB SSD	—		—	—	—		
256GB SSD	—	—		—		—	—
500GB HDD	—	—	—		—	—	—
3G	—	—	—	—	—		—
4G	—	—	—	—	—	—	

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Integrated card - **RTL8111E 10/100/1000M** allow connection to the network. The computer is equipped with: two **LAN** ports, one **HDMI** port, one **DP** port, two **USB 2.0** ports, four **USB 3.0** ports, two **COM RS232** ports.

Cooling

The Durable Computer Industrial Fanless MiniPC IBOX-NM31C i3 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.

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Durable Computer Industrial Fanless MiniPC IBOX-NM31C i3 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

Digital Engine