



Strengthened Mini Industrial Computer Fanless MiniPC IBOX-NM21 WiFi v.3



Category:	MiniPC Industry
Manufacturer:	Mobikator
Others:	Colour Black
Chipset:	Intel express chipset
CPU Support:	-----
Installed CPU:	Intel Celeron J1900 Quad Core (4x2.0GHZ)
Memory Support:	DDR3L SO-DIMM
Installed Memory:	4GB
Graphic Card:	Integrated HD Graphic card
Storage (HDD) Support:	SSD/HDDmSATA
Installed Storage (HDD):	128GB
CD/DVD Drive:	-----
LAN:	Intel 82583 10/100/1000M Lan
Wireless LAN card:	Yes - 802.11 b/g/n
Bluetooth:	-----

3G:	-----
TV Tuner:	-----
Watch Dog Timer:	-----
Front Panel (ports):	1*USB3.0, 1*USB2.0, 1*Power switch 1*VGA, 1*RJ45 COM
Rear Panel (ports):	4*RJ45 1000M LAN, 1*DC 12V input,
Power:	12V
Supported OS:	Microsoft Windows: 7/8/8.1/10, Linux
Installed OS:	-----
Dimensions:	148 x 126,5 x 48,5 mm
Weight:	1000g
Expansion:	-----
Fanless:	Yes
Humidity:	0 ~ 95%
Temp:	-10 60
IP Norm:	-----
Storage temperature:	-10 ~ 60

Product from the Archive - production finished

IBOX NM21



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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.

Strengthened Mini Industrial Computer Fanless MiniPC IBOX-NM21 is a series of devices for industrial applications requiring continuous operation - 24 hours, 7 days a week.

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Housing dimensions are **148 (W) x126,5 (L) x48,5 (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 DDR3L** memory. Disks offer free space **128GB SSD** .

	v.0	v.1	v.2	v.3	v.4	v.5	v.6
2GB RAM	—		—	—	—	—	—
4GB RAM	—	—			—		—
8GB RAM	—	—	—	—		—	
32GB SSD	—		—	—	—	—	—
64GB SSD	—	—		—	—	—	—
128GB SSD	—	—	—		—		—
256GB SSD	—	—	—	—		—	
3G	—	—	—	—	—		—
4G	—	—	—	—	—	—	



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Integrated card - **Intel 82583V 10/100/1000M LAN** and **WiFi** module allow connection to the network. The computer is equipped with: four **LAN** ports, one **USB 2.0** port, one **USB 3.0** port, one **COM RJ-45** port, one **VGA** port.





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Cooling

The Strengthened Mini Industrial Computer Fanless MiniPC IBOX-NM21 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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Strengthened Mini Industrial Computer Fanless MiniPC IBOX-NM21 are based on high-performance quad 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.



Areas of use of industrial MiniPC



