



## MiniPC Industrial AOpen DES4100 BAREBONE



### Digital Engine®

<b>Category:</b>	MiniPC Industry
<b>Manufacturer:</b>	AOpen
<b>Supported OS:</b>	Microsoft Windows: 7/8.1
<b>Installed OS:</b>	-----
<b>Chipset:</b>	Intel chipset
<b>CPU Support:</b>	AMD G series
<b>Installed CPU:</b>	No (optional Yes)
<b>Graphic Card:</b>	AMD RADEON 8330E
<b>Memory Support:</b>	DDR3 (can up to 16GB), Dual Channel
<b>Installed Memory:</b>	No (optional Yes)
<b>Storage (HDD) Support:</b>	320GB HDD
<b>Installed Storage (HDD):</b>	No (optional Yes)
<b>IP Norm:</b>	-----
<b>Temp:</b>	0 - 40
<b>Storage temperature:</b>	-20 - 60
<b>Humidity:</b>	0 ~ 90%
<b>Others:</b>	Colour Black, Aluminum
<b>LAN:</b>	Realtek 8111DP GbE LAN
<b>Wireless LAN card:</b>	No (optional Yes)
<b>3G:</b>	No (optional Yes)

<b>Bluetooth:</b>	No
<b>Rear Panel (ports):</b>	1x Audio, 1x Mic, 1x COM(RS232),1x RJ-45, 2x HDMI,1x DC-IN 12/19V, 2x USB 2.0, 2x USB 3.0
<b>Front Panel (ports):</b>	Power, HDD indicator LED
<b>Expansion:</b>	RS232/RS232/RS485 ports + USB 2.0 x2
<b>Power:</b>	12V
<b>Watch Dog Timer:</b>	0~255 sec
<b>CD/DVD Drive:</b>	No
<b>TV Tuner:</b>	No
<b>Dimensions:</b>	273 x 155 x35 mm
<b>Fanless:</b>	No
<b>Weight:</b>	1.275 kg

**Product from the Archive - production finished**



## Industrial MiniPC

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 heat-pipe technology and aluminum fans for passive cooling.

**MiniPC Industrial AOpen DES4100** is a series of devices for industrial applications requiring continuous operation - 24 hours, 7 days a week.

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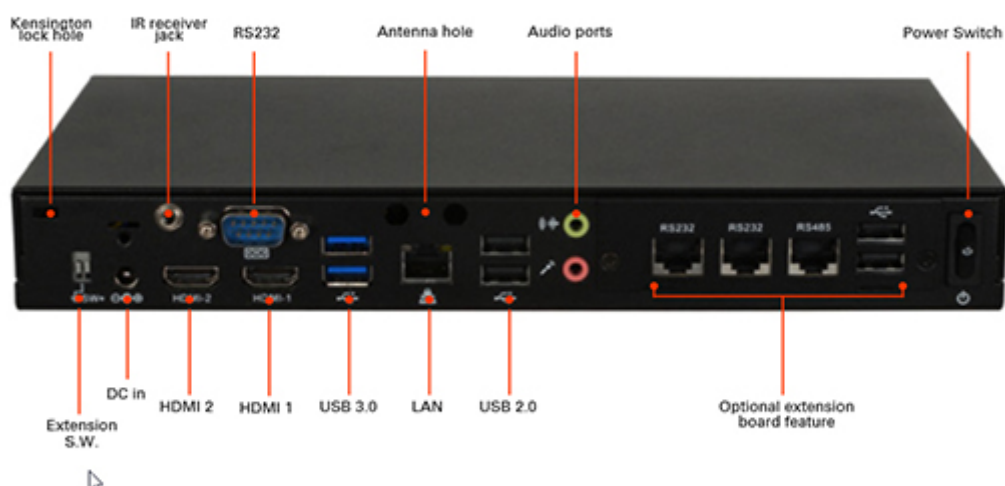
Housing dimension are **273 (W) x155 (L) x35 (H) mm**. Housing is made of high quality aluminum what ensures a very high resistance to mechanical damages. This model with weight of only **1.275 kg** is ready at any time for operation even in extreme conditions such as heat, cold, vibration.

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 **DDR3L** memory. Integrated **AMD RADEON 8330E** video and audio **Realtek HD Audio codec ALC269Q** allow you to play a wide range of applications and media files (video, audio) - in Full HD quality. Disks offer free space **320GB HDD**.



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Integrated card - **Realtek 8111DP GbE LAN** (optional WiFi module) allow connection to the network. The computer is equipped with: one **LAN** port, one **COM(RS232)** port, two **USB 3.0** ports, two **USB 2.0** ports, two **HDMI** outputs one way audio, one microphone input and optional two **COM(RS232)** ports and one **COM(RS485)** port.





# AOPEN

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## Cooling

The MiniPC Industrial AOpen DES4100 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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## Trade

Small, fanless computer can find various of commercial applications such as computer system for sale, for display informations about the products on monitors or ads on the big screens. With the help of handles combined with the housing there are many mounting possibilities - such as: in shops (at the cash register, at the back of monitors for LCD / LED), in factories halls, in the cars which are used for distribute different kind of products, etc., will certainly find application in all kinds of networks trade.



**Digital Engine®**



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MiniPC Industrial AOpen DES4100 by to four USB ports can be used to connect multiple

