AMD EMBEDDED SOLUTIONS **G** SERIES X

AOPEN Bright Ideas Connected

MiniPC Industrial AOpen DES4100 v.1

RADEON GRAPHICS AMD **HDD**

Digital Engine®

Category:	MiniPC Industry
Manufacturer:	AOpen
Others:	Colour Black, Aluminum
Chipset:	Intel chipset
CPU Support:	AMD G series
Installed CPU:	AMD Quad Core GX-420CA (4x2.0 GHz)
Memory Support:	DDR3 (can up to 16GB), Dual Channel
Installed Memory:	4GB DDR3L (Dual Channel 2x 2GB)
Graphic Card:	AMD RADEON 8330E
Storage (HDD) Support:	320GB HDD
Installed Storage (HDD):	320GB HDD
CD/DVD Drive:	No
LAN:	Realtek 8111DP GbE LAN
Wireless LAN card:	No (opctional Yes)
Bluetooth:	No
3G:	No (opctional Yes)
TV Tuner:	No
Watch Dog Timer:	0~255 sec
Front Panel (ports):	Power, HDD indicator LED

Rear Panel (ports):	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
Power:	12V
Supported OS:	Microsoft Windows: 7/8.1
Installed OS:	-----
Dimensions:	273 x 155 x35 mm
Weight:	1.275 kg
Expansion:	RS232/RS232/RS485 ports + USB 2.0 x2
Fanless:	No
Humidity:	0 ~ 90%
Temp:	0 - 40
IP Norm:	-----
Storage temperature:	-20 - 60

Product from the Archive - production finished

Industrial MiniPC

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.

MiniPC Industrial AOpen DES4100 is a series of devices for industrial applications requiring continuous operation - 24 hours, 7 days a week.
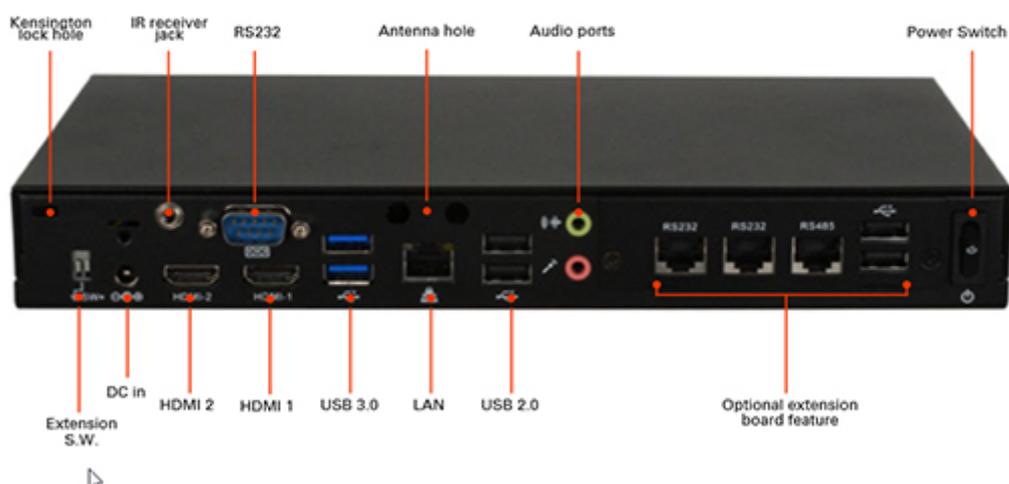
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Housing dimension are **273 (W) x155 (L) x35 (H) mm.** Housing is made of high quality aluminum what ensures a very high resistance to mechanical damages. This model with weight of only **1.275 kg** is ready at any time for operation even in extreme 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**.

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.

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.

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