



MiniPC Industrial AOpen DE965-Pro

Category:	MiniPC Industry
Manufacturer:	AOpen
Supported OS:	Windows XP, Windows Vista
Installed OS:	None
Chipset:	Intel 965GM / ICH8M
CPU Support:	Socket P - Intel Core 2 Duo
Installed CPU:	None
Graphic Card:	Intel GMA X3100MHD
Memory Support:	2 x SODIMM DDR2, Up to 4GB
Installed Memory:	None
Storage (HDD) Support:	1 x 2,5" - Up to 750GB
Installed Storage (HDD):	None
Others:	None
LAN:	10/100/1G Intel GbE LAN controller
Wireless LAN card:	No (Optional Yes)
Rear Panel (ports):	2x USB 2.0, LAN RJ45 (10/100/1G LAN), 1 x Audio Jack Stereo (Line In, Line Out), 1 x HDMI (cable to DVI in Box) , 2 x VGA , 1 x COM (RS232)
Front Panel (ports):	2 x USB 2.0
Expansion:	Hybrid TV Tuner DVB-T (analog + digital + FM), , WiFi 802.11 a/b/g/n, Card rider CF, Handles and Adapters
Power:	External AC adapter

CD/DVD Drive:	None
TV Tuner:	No (Optional Yes)
Dimensions:	166mm x 48mm x 157mm

Product from the Archive - production finished

MiniPC Industrial AOpen DE965-Pro

Terms and Conditions:

- 1. Resistance on damage & small size ...
- 2. Advanced technology ...
- 3. Using & interface ...
- 4. Use ...
- 5. Recapitulation ...
- 6. Accessory in Box ...
- 7. **Energy saving and cost reducing...**



DIGITAL ENGINE the series of products AOpen firm dedicate to industrial use ...



[Resistance on damage & small size ...](#)

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The AOpen Digital Engine DE965-Pro is a rugged, high performance Intel-based system in a 6.5W x 6.3H x 1.89D footprint that weighs less than 3 pounds.

Environment specifications:

Operating Temperature: -10°C ~ 55°C

Non-Operating Temperature: -30°C ~ 65°C

Humidity: 95% RH(55 non-condensed)

Operating Vibration: 0.45Grms, 10 ~ 500Hz

Non-Operating Vibration: 2Grms, 5 ~ 500Hz

Operating Shock: Half Sine, 8G, 11ms

Non-Operating Shock: Half Sine, 50G, 11ms

Drop test: IEC 60068-2-32



[Advanced technology ...](#)

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The AOpen MiniPC DE965-Pro line offers Intel-based desktop products with a similar footprint and features an enclosure that balances ergonomics, size and function. Both systems include the Intel 965GM / ICH8M chipset, one Mini PCI slot as well as extensive I/O that includes DVI, S-Video, GB LAN, USB, HD audio and more. The systems have the ability to add up to 4GB of memory as well as a notebook hard drive or flash disk.



[Using & interface ...](#)

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Front Panel :



Rear Panel :

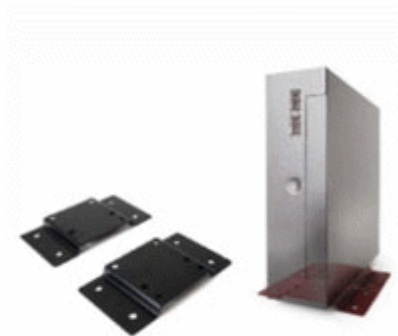
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Use ...

For thanks of use optional handles and adapters, it many possibilites to mount Digital Engines - for example: in factory halls, with LCD / LED monitors, hipermarkets, shops, under table top and cars.



Empowered your Applications



Digital Engine



[Recapitulation ...](#)

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AOpen Digital Engine DE965-Pro is a complete solution for Digital Signage, Projector PC, Media Player, and Vehicle PC. AOpen DE965-Pro is a compact system of 1.25L with Intel 965GM Express Chipset supporting Intel socket P Core 2 Duo processors. The AOpen DE965-Pro had 40,000 hour MTBF and passed shock and vibration operation tests. It can be installed both vertically and horizontally without having thermal issues. AOpen DE965-Pro adapts mobile CPU, chipset and memory to reduce heat. With less heat, the speed of the fans will drop and create a silent working condition.

[Accessory in Box ...](#)

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Converter board



HDMI to DVI cable



(90Watt) Adapter

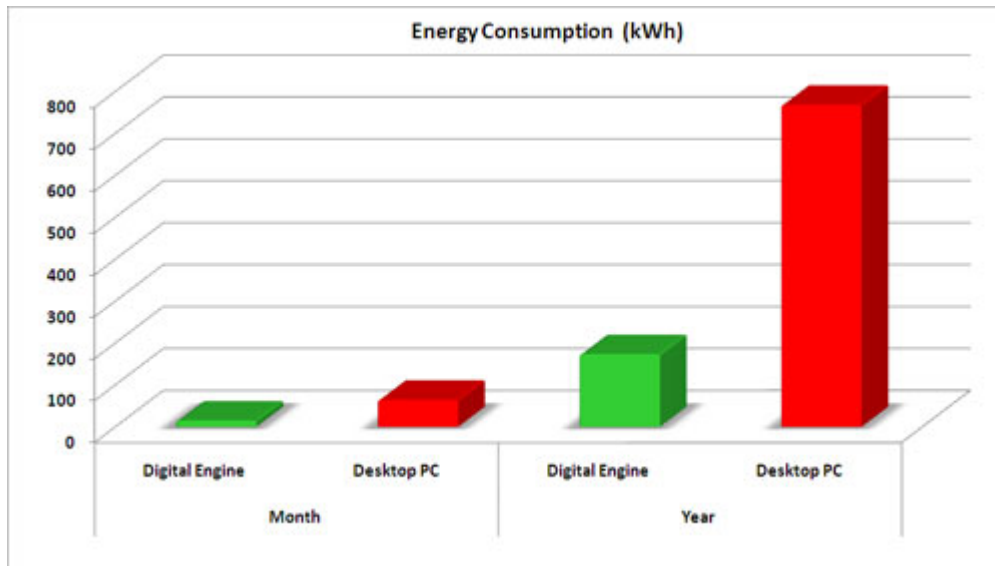


Power cord





Energy saving and cost reducing



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Assumption :
1) computers work after 8 hour daily
2) working 20 days in month
3) working 240 days in year

number of computer	Work Time		Energy Saving kWh
	Day		
	Digital Engine kWh	Standard PC kWh	
1	0,72	3,20	2,48
10	7,20	32,00	24,80
100	72,00	320,00	248,00
1000	720,00	3200,00	2480,00
5000	3600,00	16000,00	12400,00
number of computer	Month		Energy Saving kWh
	Digital Engine kWh	Standard PC kWh	
	Digital Engine kWh	Standard PC kWh	
1	14,40	64,00	49,60
10	144,00	640,00	496,00
100	1440,00	6400,00	4960,00
1000	14400,00	64000,00	49600,00
5000	72000,00	320000,00	248000,00
number of computer	Year		Energy Saving kWh
	Digital Engine kWh	Standard PC kWh	
	Digital Engine kWh	Standard PC kWh	
1	172,80	768,00	595,20
10	1728,00	7680,00	5952,00
100	17280,00	76800,00	59520,00
1000	172800,00	768000,00	595200,00
5000	864000,00	3840000,00	2976000,00