



MiniPC Industrial AOpen DE57-HA v.4

Category:	MiniPC Industry
Manufacturer:	AOpen
Supported OS:	Windows XP, Windows Vista, 7
Installed OS:	None
Chipset:	Intel QM57
CPU Support:	Intel Core i3, i5, i7
Installed CPU:	Intel Core i7 720QM (6M Cache, 1.6 GHz)
Graphic Card:	Intel QM57
Memory Support:	1 x SODIMM DDR III, Up to 8GB
Installed Memory:	4GB SODIMM DDRIII
Storage (HDD) Support:	1 x 2,5" SATAII SSD / HDD, Up to 750GB
Installed Storage (HDD):	500GB HDD 2.5" SATAII
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), 1x Audio Jack Stereo (Line In, Line Out), DVI, HDMI, COM (RS232)
Front Panel (ports):	USB 2.0 Port x 2
Expansion:	Hybrid TV Tuner DVB-T (analog + digital + FM), , WiFi 802.11 a/b/g/n
Power:	External AC adapter
CD/DVD Drive:	None
TV Tuner:	No (Optional Yes)

Dimensions: 166 (W)x 48 (H) x 157 (D) mm / 1.22Kg

Product from the Archive - production finished

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Terms and Conditions:

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



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



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

[list of content...](#)

[go top...](#)

The AOpen Digital Engine DE57-HA is a rugged, high performance Intel-based system in a 166 (W)x 48 (H) x 157 (D)mm footprint that weighs less than 2,68 pounds.



[Adv](#)

[list of content...](#)

[go top...](#)



The AOpen MiniPC DE57-HA 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 Processors I3, i5, i7 and Intel QM57 chipset, as well as extensive I/O that includes HDMI, DVI, COM(RS232), GB LAN, USB, audio and more. The systems have the ability to add up to 8GB of memory as well as a notebook hard drive or flash disk.



DDR3

Your system's performance will never disappoint thanks to the latest DDR3 1066MHz system memory providing greater memory bandwidth for performance that will never lag behind. Max up to 8GB!

[Using & interface ...](#)

[list of content...](#)

[go top...](#)

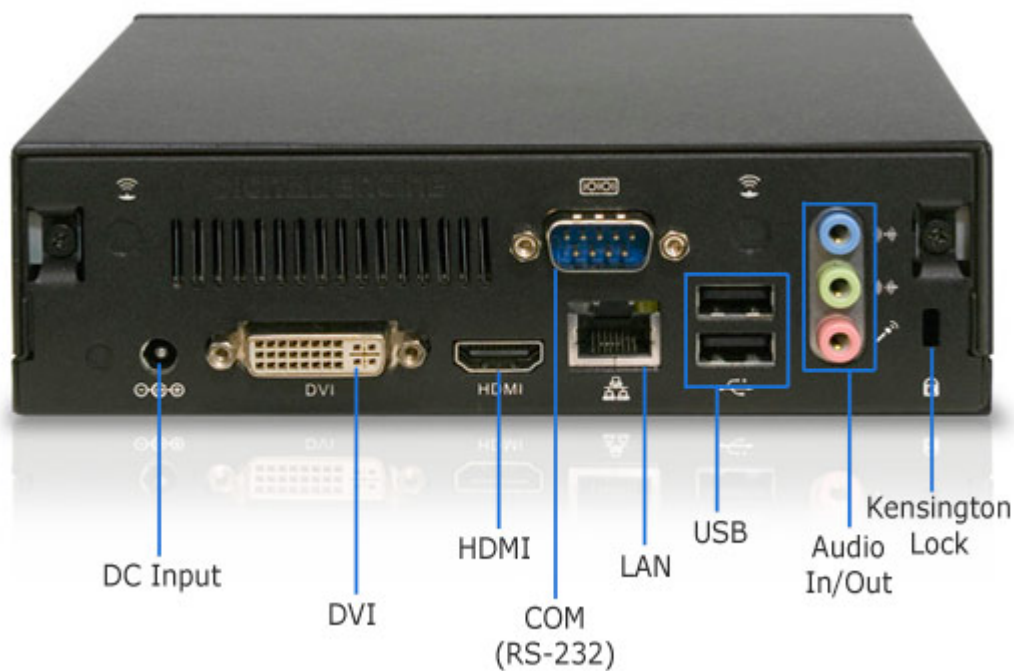
Front Panel :



Rear Panel :

[list of content...](#)

[go top...](#)



[Use ...](#)

It many possibilites to mount Digital Engines - for example: in factory halls, with LCD / LED monitors, hipermarkets, shops, under table top and cars.



[Recapitulation ...](#)

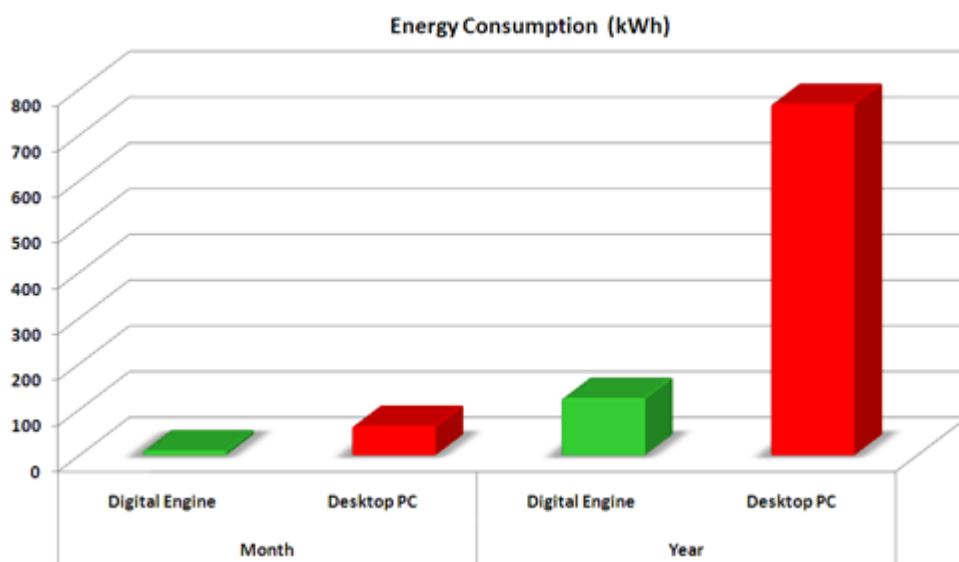
[list of content...](#)

[go top...](#)

AOpen Digital Engine DE57-HA is a complete solution for Digital Signage, Projector PC, Media Player, and Vehicle PC. AOpen is a compact system of 1.25L with Intel Core i3, i5, i7 supporting Intel socket RPGA988A. The DE57-HA had 40,000 hour MTBF and passed shock and vibration operation tests. It can be installed both vertically and horizontally. 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.



Energy saving and cost reducing



[list of content...](#)

[go top...](#)

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	0,52	3,20	2,68
10	5,20	32,00	26,80
100	52,00	320,00	268,00
1000	520,00	3200,00	2680,00
5000	2600,00	16000,00	13400,00
number of computer	Month		Energy Saving kWh
	Month		
	Digital Engine kWh	Standard PC kWh	
1	10,40	64,00	53,60
10	104,00	640,00	536,00
100	1040,00	6400,00	5360,00
1000	10400,00	64000,00	53600,00
5000	52000,00	320000,00	268000,00
number of computer	Year		Energy Saving kWh
	Year		
	Digital Engine kWh	Standard PC kWh	
1	124,80	768,00	643,20
10	1248,00	7680,00	6432,00
100	12480,00	76800,00	64320,00
1000	124800,00	768000,00	643200,00
5000	624000,00	3840000,00	3216000,00