

Digital Signage Media Player

DIGITAL ENGINE

DE7000

Ultra high resolution content support > 1080P

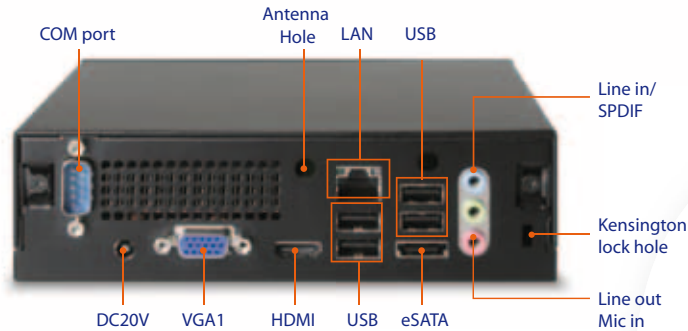
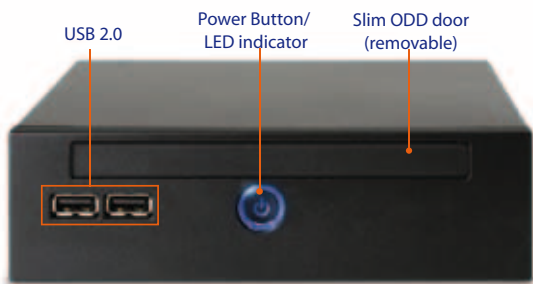
- Integrate GeForce 9300 graphic engine with PureVideo HD hardware decoder for H.264, VC-1, WMV-HD, MPEG-HD contents with low CPU loading.
- Support smooth 3D content
- HDMI, VGA interface to support dual display.

Rich I/O features and expandability

- RS232 x 1, Giga-LAN x 1, USB x 6, e-SATA x 1
- Support Optional Wireless, TV tuner card with Mini-card slot x2
- Support 3.5G module (by MUSB bridge board with SIM slot)

Compact size and mounting solutions

- Optional VESA mounting kits
- Optional Titan series - integrated display mounting solution with Digital Engine and cable management.
- Optional Engine Core to contain up to 6 digital engines as small server workstation



DE7000

Specifications

Model name		DE7000	
Product SKU			
Territory		Europe	
Part Number		91.ADE01.7010	
EAN/JAN Code		471260-2942973	
Product Specification			
Housing Material		SECC t=0.8mm	
Housing Color		Black	
Dimension	WxHxD(mm)	166(W) x 48(H) x 164(D) mm	
	WxHxD(inch)	6.54(W) x 1.89(H) x 6.46(D) inch	
Volume(liters)		1.3L	
Weight(Kg/Pound)		1.3 kg / 2.85 pound (N.W.)	
CPU	Socket	Socket P	
	Type	Support Intel Core 2 Duo, Celeron M CPU (Penutryn/ Santa Rosa Refresh) TDP ≤35W	
	FSB	667/800/1066 MHz	
Chipset	NB	NVIDIA GeForce 9300	
	SB	N/A	
Memory	Dual Channel	Dual Channel	
	Type	DDRIII SO-DIMM x 2	
	DDR	800/1066/1333	
Graphics	Max Memory	4G	
	Chip	NVIDIA GeForce 9300	
	VGA Port	x 1	
Expansion Slot	HDMI Port	x 1	
	mini Card Slot	x2 (mini-PCIe x1; USB+SIM bridge card slot x1)	
Product Specification			
Audio	Type	Realtek HD Audio Codec ALC662	
	Channel	Stereo / 5.1 CH with HDMI	
LAN		Intel Gigabit Ethernet 10/100/1000	
e-SATA		x 1	
USB 2.0		x 6 (4 (Rear), 2 (Front))	
Storage	ATA Connector	N/A	
	S-ATA Connector	x 2 (1 for 2.5" HDD, 1 for slim ODD)	
Security		Kensington Lock Hole x 1 (Rear)	
Storage Bay	Slot-in Slim ODD Bay	x 1	
	2.5" SATA II HDD Bay	x 1	
CPU Thermal	Module	AOpen Thermal Module	
	Noise	27dB	
WatchDog Timer		1 ~ 255 SEC./ min	
Adapter		90W (20V, 4.5A) AC Adapter	
Input Voltage		AC 100 ~ 240V	
Environment			
MTBF		40,000hrs	
Operating Temperature		0 ~50°C (32 ~ 122°F)	
Storage Temperature		-30 ~ 60°C (-22 ~ 140°F)	
Relative Humidity		95% RH (50°C non-Condensing)	
Operating Vibration		0.5Grms, Random, 10~500Hz, X,Y,Z 3Axes, 0.5hr/Axis	
Non-Operating Vibration		2Grms, Random, 10~300Hz, X,Y,Z 3Axes, 1hr/Axis	
Operating Shock		8G, Half sine, 11ms duration	
Non-Operating Shock		50G, Half sine, 11ms duration	

AOpen reserves the right to revise all the specification and information contained in this document, which are subject to change without prior notice.
 Note (1) : Max. hardware structure. System will not detect 4GB due to chipset limitation.

Accessories

TV Tuner Kit (ATSC)	TV Tuner Kit (DVB-T)	802.11 b/g Wireless kit	802.11 b/g/n Wireless kit	3G Card
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Model Name	MC570QA	MC770A	WN6303A-F4WW	WN6600R-F4	HTM1000
AOpen P/N	90.MB446.0010	90.MA610.0020	90.MA658.0410	90.MA658.0320	(by request)
Module Board	Analog / ATSC TV Yuan Hybrid TV MiniCard (Analog TV includes PAL, SECAM, NTSC)	Analog / DVB-T TV Yuan Hybrid TV (Analog TV includes PAL, SECAM, NTSC)	802.11b/g 54Mbps Wireless LAN PCI Express Mini Card	Draft 802.11n, Wireless LAN PCI Express Mini Card	3G half-mini card Data rate DL & UL 10.1/5.76 Mbps EDGE/GPRS/HSPA (Japan is not included)
Driver CD	Yes	Yes	Yes	Yes	No
RF Cable	Yes	Yes	Yes	Yes	No
Antenna	ATSC Antenna	DVB-T Antenna	2.4GHz Swivel (Black)	2.4GHz~5GHz	No
AP	AC3 AP (2CH) Encoder for Vista MCE	AC3 AP (2CH) Encoder for Vista MCE	No	No	No



Model	Titan-800	EC-600	EC-300	SB01
AOpen P/N	91.ADE20.0010	91.A0120.0010	(by request)	90.MA610.0410
Feature	Tilt wall mount for 32" to 65" display with cable management	Small server chassis design for 19" Rack. Mount type (4U Height) for 6 Digital Engine	Workstation chassis design for 3 Digital Engine	CF to SATA bridge Card
EAN Code	4712602937290	4712602937313		4712602935098



TITANONE

Digital Signage Whole in 1 Management System

Universal mount solution for displays and Digital Engines, which are protected inside a locked embedded compartment. Cable management solution also included.



ENGINECORE

4U Rack for Six Digital Engines

Consolidate six Digital Engines with the Engine Core - an innovative central control solution for networked environments. Enhances security, monitoring and protection from data loss via a hardware-centric approach. Also provides a green IT, easy-maintenance solution for cluster (parallel) computing.