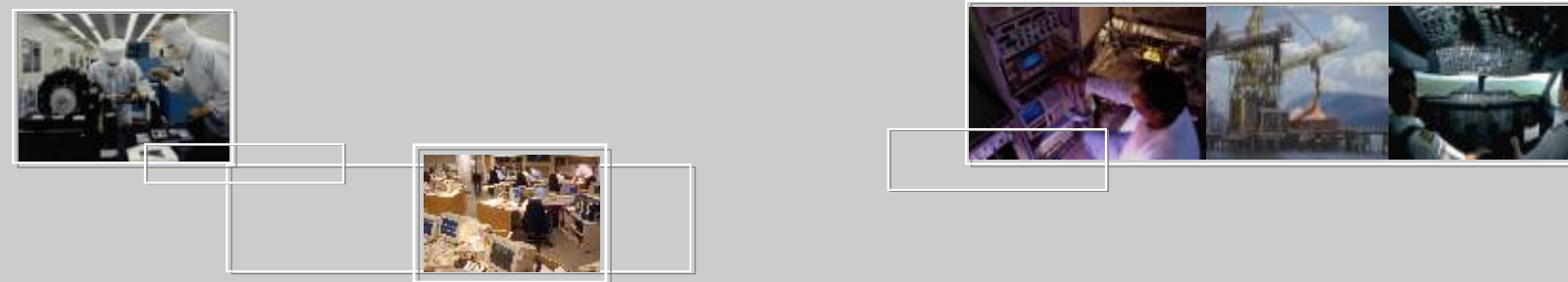


Product Specification

Model Name	EBC 563	EBC563LP6	EBC 569	EBC569LP6	EBC 363
PCB Size	203 x146mm		203x143mm		143x102mm
CPU Type	VIA C3 EBGA	VIA Eden	VIA C3 EBGA	VIA Eden	VIA C3 EBGA
CPU Level	800MHz+	667MHz	800MHz+	667MHz	800MHz+
Chipset	VIA 8601A		VIA 8606A		VIA 8606A
CPU FSB	100/133MHz		100/133MHz		100/133MHz
Max. Memory	512MB (DIMM x1)		512MB (DIMM x1)		512MB (DIMM x1)
VGA (VGA Memory)	VIA PLE133(2/4/8MB)		VIA 8606(8/16/32MB)		VIA 8606(8/16/32MB)
LCD Interface (TTL LCD)	Yes[18 bit]		Yes[36 bit]		Yes[36 bit]
LCD Interface (LVDSLCD)	NO		Yes[1 channel]		Yes[2 channel]
LCD Interface (TMDS LCD)	EBK Media 1		EBK VGA2		NO
Ethernet	(Intel 82559 or RTL8139C/C+)X3		RTL8139C/C+ x3		RTL8139C/C+
Wake ONLAN	NO		NO		Yes
Audio	EBK Media 1		AC97		AC97
Compact Flash Socket	EBK CF		OnBoard		OnBoard
SCSI	EBK SCSI 160D		EBK SCSI 160D		NO
DiskOnChip	Yes		NO		NO
IDE interface	Ultra DMA 100		Ultra DMA 100		Ultra DMA 100
Serial Port	2 x RS232		1 x RS232/422/485 3 x RS232		2 x RS232
USB	2		2		2
1394	NO		NO		3
TV out	NO		EBK VGA2		Yes
Digital I/O	8 x TTL DIO		8 x TTL DIO		8 x TTL DIO
Power Supply	+5V/+12V		+5V/+12V		+5V/+12V
5Vsb Input	NO		NO		Yes
Watch Dog Timer	Yes		Yes		Yes
Expansion	PCI Slots NEXCOM PCI		PCI Slots NEXCOM PCI PC104		PCI Slots NEXCOM PCI PC104
Model Available	EBC563R EBC563I	EBC563RLP6 EBC563ILP6	EBC 569	EBC 569LP6	EBC 363



Order Information

Model Name	EBC 363 M/B	EBC 569 M/B	EBC 563R M/B	EBC 563I M/B	Chassis	EBK DC512	EBK DC512 PC	60W AC Adaptor	60W Open Frame Power	EBK PCI 1	EBK Media 1	Slim CD-ROM	Slim DVD-ROM	Slim FDD	Slim CD-ROM DB	Slim FDD-DB
EBS 1363	V				V	V		V								
EBS 1563-563R			V		V	V		V								
EBS 1563-563I				V	V	V		V		V						
EBS 1563P-563R			V		V	V		V								
EBS 1563P-563I				V	V	V		V								
EBS 1563PC-563R			V		V		V	V		V	V	V				
EBS 1563PC-563I				V	V		V	V		V	V	V				
EBS 1563PD-563R			V		V		V	V		V	V		V			
EBS 1563PD-563I				V	V		V	V		V	V		V			
EBS 1563PF-563R			V		V		V	V		V	Optional			V		
EBS 1563PF-563I				V	V		V	V		V	Optional			V		
EBS 1569		V			V		V	V							V	V
EBS 1569CF		V			V		V	V				V		V	V	V
EBS 1569DF		V			V		V	V				V		V	V	V
EBS 1569F		V			V		V	V				V		V	V	V
EBS 1569C		V			V		V	V				V		V	V	V
EBS 1569D		V			V		V	V				V		V	V	V
EBS 1569PS		V			V		V	V		V				V		V

● Specifications are subject to change without notice.
 ● The referenced products and/or brand names in this brochure are trademarks of their respective owners.
 2002.09

Embedded Network Platform Fits Your Innovation



Application platform:

- Firewall
- VPN
- NAS
- Security
- Thin Client



<http://www.nexcom.com>

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About NEXCOM

After a decade from its foundation, NEXCOM International is still maintaining its chivalry and poise in the IPC field. Emerging from the grassroots of IT professionals with expertise in the fields of ASIC design, multi processor architecture and reliability engineering, NEXCOM has rapidly grown from its small beginnings into a highly reputable company. Constantly marketing an average of 30 new products each year, our product lines have grown so rapidly in view of meeting the demands of today. Even with the recent drastic changes in the computer industry, NEXCOM held strong and advanced with the changes of time-focusing to our dedication to the industry while shrugging off all undermining factors.



Little giant - Tiny system, Huge power

EBS 1363 Series



The fastest computing module of its kind. Recognizing the strong demand for a ready-to-go platform solution, NEXCOM has developed the smallest Pentium III based system based upon the EBC 363. EBS 1363 can fulfill all of the demanding requirements of multimedia as well as networking applications that are essential to users today. The miniature form factor helps unleash its power especially in the space concern environments. The EBS 1363 just fits your wildest innovations!

A powerful engine for the e-Platform

EBS 1569 included a new Pentium III-based embedded CPU board, and claimed that it is a powerful engine for the new generation of multimedia, networked, and panel-based POS (Point Of Sales) machines. EBC 1569 is built with many legacy features which are also very ideal for replacing the old platforms. Even with 400 MHz, it's still the fastest embedded board without a fan on the market. To replace old models means to create new opportunities

EBS 1569 Series



"Ready to Go" platform for system integrators

EBS 1563 Series



A series of small but powerful boxes that will be the Internet Appliances for different applications. The series are based on the newly available EBC 563 board series, the first BGA-type Pentium III compatible high performance embedded CPU board in the world. With the combined layout of 3x Intel and Realtek Ethernet controllers, it can fulfill the requirements of a wide range of application.

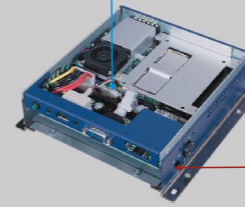
EBS 1363 Series-3.5"



EBC363
 - VIA C3 EBGA CPU 800MHz+, 100/133MHz FSB
 - VIA Eden ultra low power CPU support
 - Max. 512MB SDRAM, SO-DIMMx1



Main board: EBC363
 . Support 2.5" HDDx1
 . COM port x1; USBx1; TV-out x1
 . IEEE1394 portx1; Audio out x2; MIC-in x1
 . Dimension: 146mmx160mmx41mm (5.75"x6.3"x1.6")



EBS 1569 series-5.25"



EBC569
 - VIA C3 EBGA 800MHz+, 100/133MHz
 - VIA Eden low power/fan-less CPU support up to 667MHz
 - Max. 512MB SDRAM, DIMMx1



EBS1569CF
 . Main board: EBC569
 . Support 2.5" HDD x1
 . One slim CD-ROM drive or DVD-ROM drive
 . One slim FDD drive
 . COM port x4; printer port x1
 . Dimension: 177mmx228.6x70mm (6.97"x9.01"x2.76")

EBS1569PS

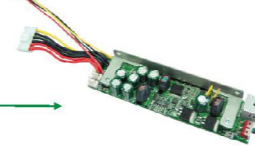
. Main board: EBC569
 . Support 2.5" HDDx1
 . PCI expansion: One half-size PCI card
 . Reserved one system FAN
 . Built-in COM port x4
 . Optional 2W speakers x2
 . Dimension: 300mmx55.8mmx228.6mm (6.97"x9.01"x2.08")



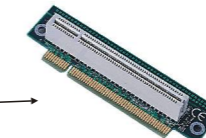
EBS 1563 Series-5.25"



Power Module: EBK DC512 (Internal DC to DC power converter)
 Power input: 16V~24Vdc
 Power output: 12V & 5V



Power Module: EBK DC512PC (Internal DC to DC power converter)
 Power Input: 16V~24Vdc
 Power Output: 12V & 5V



EBK PCI 1
 PCI expansion:
 One half-size PCI card



EBK Media 1
 for audio and DVI LCD

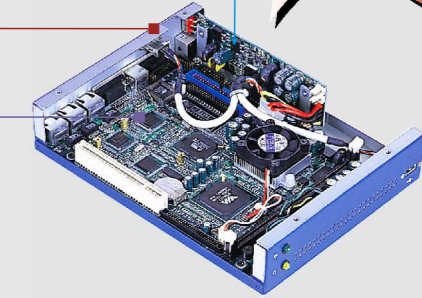


AC adapter
 power input: 100~240Vac 2A 50/60Hz
 Power output: 24Vdc/2.5A 60W max

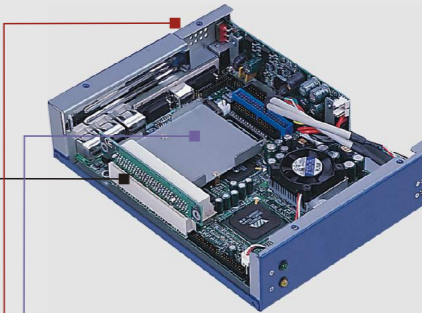


EBK CF
 optional items: it can not work with 2.5" HDD together because of the Mechanical conflict

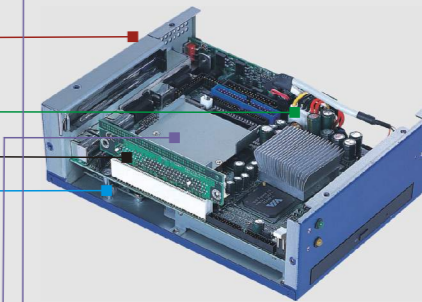
Fan-less solution ready!



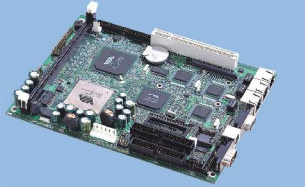
EBS1563
 . Support 2.5"HDD x1
 . USB port x 2



EBS1563P
 . PCI expansion: One half size PCI card
 . Support 2.5" HDD x1
 . USB port x2



EBS 1563PC/PD/PF
 . One slim CD-ROM drive or DVD-ROM drive or FDD
 . EBK Media1 module for Audio and DVI LCD
 . PCI expansion: One half size PCI card
 . Support 2.5" HDD x1
 . USB port x2



EBC563
 - VIA C3 EBGA CPU 800MHz+, 100/133MHz FSB
 - VIA Eden low power/fan-less CPU support up to 667MHz
 - VIA 8601A/686B chipsets with 4X AGP, 2/4/8MB memory
 - Max. 512MB SDRAM, SO-DIMMx1



EBS1563
 Dimension:
 177mm x 228.6mm x 43mm (6.97"x9.01"x 1.69")



EBS1563P
 Dimension:
 177mm x 228.6mm x 51mm (6.97"x 9.01"x 2.0")



EBS 1563PC/PD/PF
 Dimension:
 177mm x 228.6mm x 70mm (6.97"x9.01"x 2.76")