Fanless Box PC

Features >>

- ☆*Compact size designed*
- ☆*Fanless solution for dedicated Model*
- ☆*Full range of platform with Intel, AMD and VIA*
- ☆*Options for the Memory, Storage and Operating System*
- ☆*Extendable I/Os, like USB, COM port, LAN port*
- ☆*Mechanical options as Desktop, Wall Mount and VESA by request*

Model Name		A270SB7-101	A830SB3-101	A831SB3-101	A830SB3-001	I330SB3-101	I370SB7-101	I570SB7-101	V170SB7-101
Fan/Fanless		Fanless	Fanless	Fanless	Fanless	Fanless	Fanless	Fanless	Fanless
SBC Specification	Form Factor	Mini- ITX Form Factor (170mm X 170mm)	3.5" Form Factor (146mm x 101mm)	3.5" Form Factor (146mm x 101mm)	3.5" Form Factor (146mm x 101mm)	3.5" Form Factor (146mm x 101mm)	Mini- ITX Form Factor (170mm X 170mm)	Mini- ITX Form Factor (170mm X 170mm)	Mini- ITX Form Factor (170mm X 170mm)
	CPU	AMD Athlon 2600+1.6GHz / 2000+1.0GHz	AMD Geode LX-800 500MHz CPU	AMD Geode LX-800 500MHz CPU	AMD Geode LX-800 500MHz CPU	Intel Celeron M ULV 1.06GHz / 1.2GHz	Intel Celeron M ULV 1.06GHz / 1.2GHz	Intel Celeron M ULV 600MHz / 1.0GHz	Onboard, VIA Eden 1.0GHz by EBGA Type
	System Chipset	AMD M690G + SB600 Chipset	AMD CS5536 Companion Device	AMD CS5536 Companion Device	AMD CS5536 Companion Device	Intel 945GME / ICH7M Chipset	Intel 945GME / ICH7M Chipset	Intel 855GME/ICH4M Chipset	VIA CX700 Single chipset
	System Memory	2 x DIMM, Max 4GB DDR2 800/667/533	1 x SODIMM, Max 1GB DDR 400	1 x SODIMM, Max 1GB DDR 400	1 x SODIMM, Max 1GB DDR 400	1 x SO-DIMM, Max 2GB DDR2 667/533	2 x DIMM, Max 4GB DDR2 667/533	1x DIMM Max.1GB DDR200/266/333	2 x DIMM, Max 2GB DDR2 533/400
	FSB / HT	1000 MHz	N/A	N/A	N/A	533 & 667MHz	533 & 667MHz	400 MHz	400 & 533 MHz
	BIOS	Phoenix 8Mbit BIOS	Award 4Mbit Flash	Award 4Mbit Flash	Award 4Mbit Flash	Award 4Mbit Flash	Award 4Mbit Flash	Award 4Mbit Flash	Award 4Mbit Flash
	I/O Chipest	SB600 / ITE 8712	SMSC SCH3114	SMSC SCH3114	SMSC SCH3114	Winbond W83627EHG	Winbond W83627EHG	Winbond 83627HF	Winbond 83697HF
	Graphic Controller	AMD M690G integrated	AMD Geode LX-800 integrated	AMD Geode LX-800 integrated	AMD Geode LX-800 integrated	Intel GMA 950 integrated Graphic Engine	Intel GMA 950 integrated Graphic Engine	Intel 855GME integrated	VIA CX700 Single chipset
	Graphic Shared Memory	Shared memory Max. 256MB	Shared memory Max. 64MB	Shared memory Max. 64MB	Shared memory Max. 64MB	Shared memory Max. 224MB	Shared memory Max. 224MB	Shared memory Max.64MB	Shared momery Max. 64MB
	Graphic Resolution	VGA:2048x1536,DVI:2048x1536, LVDS:1920x1200 (Mutiple-display:2560x1600) (optional)	VGA:1920x1440 at 75Hz and 32-bit color, LVDS:1600x1200 (optional)	VGA:1920x1440 at 75Hz and 32-bit color, LVDS:1600x1200 (optional)	VGA:1920x1440 at 75Hz and 32-bit color, LVDS:1600 x 1200 (optional)	VGA:2048x1536 at 75Hz and 32-bit color, LVDS:1600x1200 (optional)	VGA:2048x1536 at 75Hz and 32-bit color, LVDS:1600x1200 (optional)	VGA:2048 x 1536 LVDS:1600 x 1200 (optional)	VGA:2048x1536 at 75Hz and 32-bit color, LVDS:1600 x 1200 (optional) Dual channel 24-bit LVDS
	Support Panel Interface	Dual channel 24-bit LVDS (Supports TTL via Daughter Board)	TTL Output interface (Supports LVDS via Daughter Board)	TTL Output interface (Supports LVDS via Daughter Board)	TTL Output interface (Supports LVDS via Daughter Board)	Dual channel 18-bit LVDS	Dual channel 18-bit LVDS (Supports Dual Channel 24-bit via I-PCIE2L01)	Dual Channel 18-bit LVDS	(Supports TTL via Daughter Board) Realtek 8110SBL GigaLAN Controller
	Ethernet Controllers	Dual Realtek RTL8111B GigaLAN Controller	Realtek RTL8110s Chipset, 10/100 Mbps	Dual Realtek RTL8100c Chipset, 10/100 Mbps	Realtek RTL8110s Chipset, 10/100 Mbps	Dual Realtek RTL8111B GigaLAN Controller	Dual Realtek RTL8111B GigaLAN Controller	Dual Realtek RTL81110SC Gigabit Ethernet	VIA VT1708 HD Codec
	Audio	Realtek ALC655 5.1 channel Controller	Realtek ALC203 AC97 Chipset	Realtek ALC203 AC97 Chipset	Realtek ALC203 AC97 Chipset	Built-in audio + AC97 codec	Built-in audio + AC97 codec with amplifier	AC97 codec	1 x PCI
	Expansion Slot	1 x Mini PCI, 1 x PCI	1 x Mini PCI	1 x Mini PCI	1 x Mini PCI	1 x Mini PCI	1 x Mini PCI, 1 x PCI-E(x16)	1x Mini PCI, 1x PCI	2xUSB
Fromt Side I/O	USB Port	2xUSB	2xUSB	2xUSB	2xUSB	2xUSB	2xUSB	2xUSB	Power On / Power Reset
	Power Button	Power On / Power Reset	Power On / Power Reset	Power On / Power Reset	Power On / Power Reset	Power On / Power Reset	Power On / Power Reset	Power On / Power Reset	Line out / Mic in
Back Side I/O	Audio Interface	Line out / Line in	Line in / Line out / Mic in	Line in / Line out / Mic in	Line in / Line out / Mic in	Line in / Line out / Mic in	Line in / Line out / Mic in	Line in/Line out/Micro in	2xPS/2
	Keyboard/Mouse	2xPS/2	1xPS/2	1xPS/2	1xPS/2	1xPS/2	2xPS/2	2xPS/2	3xRS232 (1xRS232/422/485)
	COM Port	2xRS232	3xRS232 (1xRS232/422/485)	2xRS232 (1xRS232/422/485)	4xRS232 (1xRS232/422/485)	2xRS232 (1xRS232/422/485)	3xRS232 (1xRS232/422/485)	3xRS232 (1xRS232/422/485)	-
	Optional COM Port	1xRS232 ,1xRS232/422/485 (optional)	1xRS232	1xRS232	-	-	1xRS232 (optional)	1x RS232 (optional)	1 x RJ45 (10 / 100 Mbps)
	LAN Port	2 x Gigabit LAN(100 / 1000 Mbps)	1 x RJ45 (10 / 100 Mbps)	2 x RJ45 (10 / 100 Mbps)	1 x RJ45 (10 / 100 Mbps)	2 x Gigabit LAN(100 / 1000 Mbps)	2 x Gigabit LAN(100 / 1000 Mbps)	1 x RJ45 (10 / 100 / 1000 Mbps)	
	USB Port	4xUSB	2xUSB	2xUSB	2xUSB	2xUSB	4xUSB	4xUSB	4xUSB
Storage System	HDD Drive	2.5" SATA	2.5" IDE	2.5" SATA	2.5" IDE	2.5" SATA	2.5" SATA	2.5" SATA	2.5" SATA
	Solid State Disk	-	1 x Type I/II CF Socket	1 x Type I/II CF Socket	1 x Type I/II CF Socket	1 x Type I/II CF Socket	1 x Type I/II CF Socket	1 x Type I/II CF Socket	-
Mechanical	Weight	4.2 kg	3.5 kg	3.5 kg	3.2 kg	3.5 kg	4.2 kg	4.2 kg	4.0 kg
	Dimensions (WxDxH)	264 x 192 x 67	264 x 162 x 47	264 x 162 x 47	245 x 162 x 40	264 x 162 x 47	264 x 192 x 57	264 x 192 x 57	264 x 192 x 47
	Mounting	Desktop/Wall-Mounting	Desktop/Wall-Mounting	Desktop/Wall-Mounting	Desktop/Wall-Mounting	Desktop/Wall-Mounting	Desktop/Wall-Mounting	Desktop/Wall-Mounting	Desktop/Wall-Mounting
	Color	Silver	Silver	Silver	Black	Silver	Silver	Silver	Silver
System Power	DC-Power Input	+12V DC IN	+12V DC IN	+12V DC IN	+12V DC IN	+12V DC IN	+12V DC IN	+12V DC IN	+12V or +24V DC IN
	DC-Power Consumption	Typical 80W	Typical 48W	Typical 48W	Typical 48W	Typical 120W	Typical 120W	Typical 80W	Typical 70W
Environment Parameters	Operating Temperature	0~45 deg.C	0~45 deg.C	0~45 deg.C	0~45 deg.C	0~45 deg.C	0~45 deg.C	0~45 deg.C	0~45 deg.C
	Operating Humidity	30%~90%	30%~90%	30%~90%	30%~90%	30%~90%	30%~90%	30%~90%	30%~90%
Certification		CE, FCC, ROHS	CE, FCC, ROHS	CE, FCC, ROHS	CE, FCC, ROHS	CE, FCC, ROHS	CE, FCC, ROHS	CE, FCC, ROHS	CE, FCC, ROHS