

AMD Solutions

Model	AM100-BF	AM300-BF
RoHS	Yes	Yes
Form Factor	Mini-ITX (6.7" x 6.7")	Micro-ATX (9.6" x 9.6")
Chipset	AMD M690T(E) / AMD SB600	AMD M690T(E) / AMD SB600
Processor	AMD Turion 64x2 Dual-Core / Sempron	AMD Turion 64x2 Dual-Core / Sempron
HT	200 / 400 / 600 / 1GHz HyperTransport interface speed	200 / 400 / 600 / 1GHz HyperTransport interface speed
System Memory	2 DDR2 800 MHz SODIMM up to 4GB	2 DDR2 800 MHz SODIMM up to 4GB
ECC Support	-	-
Graphics	ATI Radeon X1200 graphics engine	ATI Radeon X1200 graphics engine
PCI-Ex16	-	1, shared with DVI port (PCI-EX8 differential pairs)
Display Output	1 DVI-I, 1VGA, 1 LVDS	1 DVI-I, 1VGA, 1 LVDS
LAN	1 GLAN	1 GLAN
Expansion Slot	1 PCI-E x1, 1 PCI	3 PCI
USB Port	6	10
COM Port	2	2
Parallel Port	-	-
Serial ATA / RAID	2 x RAID 0 and RAID 1	4 x RAID 0, RAID 1 and RAID 10
IDE Connector	1	1
CompactFlash	1	1
Floppy Connector	1	1
WatchDog Timer	Yes	Yes
Audio Onboard	Realtek ALC262 HD audio codec	Realtek ALC262 HD audio codec
Power Solution	X100-DC20 X100-DC24	X100-DC20 X100-DC24

PICMG-COM Express

Model	G5C900-B	COM630-B
	COM Express Embedded Computing Module	COM Express ATX Carrier Board
RoHS	Yes	Yes
Form Factor	COM Express R1.0 basic Form Factor , Type II (3.75" x 4.9")	ATX (12" x 9.6")
Chipset	Intel 945GME / ICH7M	-
Processor	Intel Core 2 Duo / Core Duo / Solo / Socket mPGA478M Cooling options:Heatspreader/Heat sink with cooling fan	-
FSB	533 / 667MHz	-
System Memory	1 DDR2 533 / 667 SODIMM up to 2GB	-
Graphics	Integrated 2D / 3D graphics engine	Supports CRT , LVDS
PCI-E x 16	1 PCI-E x16 to Carrier Board	1 PCI-E x16
Display Output	1 VGA , 1 LVDS to Carrier Board	1 VGA , 1 LVDS
LAN	1 Marvell Gigabit LAN PHY to Carrier Board	1 Marvell Gigabit LAN Port
Expansion Slot	3 PCI-Ex1, 4 PCI (Master) to Carrier Board	2 PCI-E x1(Graphics or Dual SDVO) , 4 PCI , 1 Compact Flash
USB Port	Max design 8 port to Carrier Board	4 USB 4 Rear
COM Port	-	4 COM 3 Rear / 1 Opt.
Serial ATA	Max design 2 port to Carrier Board	4 USB 4 Rear
IDE Connector	Max design 1 port to Carrier Board	1
WatchDog Timer	Yes	Yes
Audio Onboard	1 to Carrier Board	1
Expansion Reference	COM630-B	G5C900-B