

Intel chipset-based motherboards	Intel 845PE-chipset based	Intel 845GE-chipset based		Intel E2705-chipset based		
CONTACTS & PRICE	MSI 845PE MAX2- FIR	AOPEN AX4GE FM	EPOX COMPUTER EP-4GEA+	ASUS P4G8X DELUXE	GIGABYTE 8INXP	IWILL P4GB
Price	\$330	\$320	\$319	\$439	\$460	\$499
Warranty	2 years	3 years	2 years	3 years	3 years	2 years
Distributor	MSI	Bluechip Infotech	Westan	Achieva Technology	Global, Synnex, Hallmark, Rectron	Emagen
Phone	(02) 9748 0070	(02) 8745 8400	(03) 9543 7733	(02) 9742 3288	Global (02) 8718 8815, Synnex 1300 880 038, Rectron (03) 9561 6166, Hallmark (03) 9540 8555	1300 880 070
URL	www.msicomputer.com.au	www.bluechipit.com.au	www.westan.com.au	www.achieve.com.au	www.gigabyte.com.tw	www.iwill.net
CPU & chipset						
CPU support	Intel Pentium 4 (Socket 478)	Intel Pentium 4 (Socket 478)	Intel Pentium 4 (Socket 478)	Intel Pentium 4 (Socket 478)	Intel Pentium 4 (Socket 478)	Intel Pentium 4 (Socket 478)
Maximum supported CPU speed	3.06GHz and greater	3.06GHz and greater	3.06GHz and greater	3.06GHz and greater	3.06GHz and greater	3.06GHz and greater
Front side bus speed	400MHz and 533MHz	400MHz and 533MHz	400MHz and 533MHz	400MHz and 533MHz	400MHz and 533MHz	400MHz and 533MHz
Graphics						
AGP support	4X	4X	4X	8X	2X, 4X, 8X	8X Pro
Onboard graphics	No	Yes - Intel Extreme Graphics	Yes - Intel Extreme Graphics	No	No	No
Memory	n/a	up to 64MB shared with main memory	up to 64MB shared with main memory	n/a	n/a	n/a
Memory						
Number of banks	3	3	3	4	4	4
Maximum capacity	2GB	2GB	2GB	4GB	4GB	4GB
Supported module capacities	64MB, 256MB, 512MB	64MB, 256MB, 512MB	64MB, 128MB, 256MB, 512MB, 1GB	128MB, 256MB, 512MB	64MB, 256MB, 512MB, 1GB	64MB, 128MB, 256MB, 512MB, 1GB
Supported memory speeds	PC2100 (266MHz), PC2700 (333MHz)	DDR333 (2700)	PC2100 (266MHz), PC2700 (333MHz)	PC2100 (266MHz), PC1600 (200MHz), ECC support	PC1600 (200MHz), PC2100 (266MHz), ECC support	PC2100 (266MHz), ECC support
BIOS						
Supports USB boot devices	Yes	Yes	Yes	Yes	Yes	Yes
Built-in flash utility	No - upgradeable through DOS	Yes - updated through Windows	Yes - <Alt>-F2 on first boot screen	Yes - ASUS EZ Flash	Yes - Q-Flash	No
Hardware monitoring	Yes	Yes	Yes	Yes	Yes	Yes
Advanced Power Management Support	Yes - v. 1.2	Yes - v. 1.1 and 1.2	Yes - v. 1.1 and 1.2	Yes - v. 1.1 and 1.2	Yes - v. 1.1 and 1.2	Yes - v. 1.1 and 1.2
Expansion slots & connectivity						
PCI slots	6	6	5	5, 1 ASUS Blue Magic PCI Slot	5	5
CNR/AMR slot	Yes	Yes	No	No	No	No
USB ports	6	6	6	6	6	6
Rear ports	2	4	4	4	2	4
USB headers for front loading ports	4	2	2	2	4	2
Serial ports	1	1	2	2	2	1
Parallel port	Yes	Yes	Yes	Yes	Yes	Yes
PS/2 ports	2	2	2	2	2	2
On-board LAN (Mbps)	Yes - 10/100/1000	Yes - 10/100	Yes - 10/100	Yes - 10/100/1000	Yes - 10/100/1000	Yes - 10/100/1000
Wake-On-LAN or remote wake-up	Yes	Yes	Yes	Yes	Yes	Yes
FireWire	Yes - 3 ports	No	Yes - 2 ports	Yes - 1 port	No	Yes - 2 ports
ATA support	Ultra ATA100	Ultra ATA100 - 2 ports	Ultra ATA100 - 2 ports	Ultra ATA100	ATA133/100/66	Ultra ATA100
Serial ATA	No	No	Yes - 2 ports	Yes	Yes	No
RAID controller	Promise 20275/20276	No	Yes - Highpoint HPT372 Ultra ATA 133	Yes - Promise SATA 150	Yes - Promise PDC20276	No
Infrared header	Yes	Yes	Yes	No	Yes	No
Smart card reader interface	No	No	No	No	No	No
Memory Stick reader interface	No	No	No	No	No	No
Sound						
Onboard sound	Yes	Yes - Realtek ALC650	Yes - Realtek ALC650	Yes	Yes	Yes
Chip type	C-Media	AC97 Audio Codec	AC97 Audio Codec	Realtek ALC650 6-channel CODEC	Realtek ALC650	AC97 Audio Codec
6-channel digital sound	Yes	Yes - via standard line-in & microphone jacks	Yes - via standard line-in & microphone jacks	Yes - via standard line-in jacks	Yes - via Audio Combo Kit	Yes - via optical port
Audio connections	Yes	Line-out, microphone, line-in, game/midi port	Line-out, microphone, line-in, game/midi port	Line-out, microphone, line-in, game/midi port	Audio (line-in, line-out, mic) connector, game/midi port	Line-out, microphone, line-in, optical
Package contents	1 IDE cable, 1 floppy cable, USB bracket with 2 slots, FireWire bracket with 3 slots, user manual, driver CD, RAID drive disk, I/O shield, 1 SBracket	Easy Installation Guide, driver CD-ROM, software CD-ROM, I/O shield, black coloured IDE and floppy ribbon cables, Jukebox FM module, aerial	1 IDE cable, 1 floppy cable, 1 SATA cable, 1 1394 bracket, 1 game and COM2 ports bracket, mainboard user manual, Magic Flash and USDM user manual, Highpoint RAID user manual, SATA RAID user manual, driver and software CD-ROM, Highpoint RAID driver floppy disk, SATA RAID driver floppy disk, quick reference sheet, I/O shield	User manual, Quick Setup Guide, Ultra-DMA cable, IDE cable, FDD cable, 2-port USB2.0/game port module, S/PDIF in/out module, I/O shield	1 DPS, 1 SATA card, 2 SATA cables, 4 USB 2.0 cable, 1 Audio Combo Kit, 3 user manuals, 1 driver disc, 1 ATA66, 1 ATA133, 1 FDD, 1 I/O shield	1 IDE cable, 1 floppy cable, FireWire bracket with 2 ports, user manual, driver CD-ROM, I/O shield
Bundled software	PC-cillin 2002	AO Config utility, EZRestore/ProMagic, EZSkin, EZWinFlash, Norton Anti-Virus, SilentTek	Norton Ghost 7.0, PC-cillin Anti-Virus 2002	ASUS PC Probe, PC-cillin 2002 anti-virus software, ASUS LiveUpdate Utility InterVideo WinCinema (Gold version only)	Norton Internet Security, Anti-Virus, Personal Firewall, Privacy Control, Parental Control; ad blocking; Gigabyte Windows Utility Manager; Adobe Acrobat Reader, Acrobat e-Book Reader; Intel Application Accelerator; DirectX 8.1	McAfee Antivirus