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CPU Cards

Crystal CPU Cards are available with Intel and Cyrix processors at speeds up to 600MHz. They are tested compatible with major operating systems, including: Microsoft Windows 95/98®, Microsoft Windows NT®, SCO UNIX®, Linux®, and Solaris®.

	Flex370	*GXi*	*TX*
			
Processor	Intel® Celeron™; 300 MHz - 600 MHz; or Intel® Coppermine™ Pentium III; 500MHz - 850 MHz	Cyrix® GXi™; 180MHz	Intel® Pentium® or Pentium® MMX™; 133-233MHz; using socket 7
CPU Chipset	Intel 440BX AGPset	Cyrix® MediaGX™	Intel 430TX
Bus Architecture	PCI/ISA PICMG® 2.1 compatible	PCI/ISA PICMG® 2.0 compatible	PCI/ISA PICMG® 2.0 compatible
DRAM Capacity	Two 168 pin DIMM sockets; Up to 512MB SDRAM; ECC or non-ECC; Non-registered	Four 72 pin SIMM sockets; Up to 128MB EDO DRAM	Two 168 pin DIMM sockets; Up to 256MB SDRAM
Disk Controllers	Ultra DMA/33 EIDE primary and secondary	EIDE primary and secondary; EIDE CompactFlash sockets; one each primary and secondary	Ultra DMA/33 EIDE primary and secondary
BIOS	AMI FLASH BIOS	AWARD FLASH BIOS	AWARD FLASH BIOS
L2 Cache Memory	Celeron: 128K L2 cache on processor; Coppermine PIII: 256K L2 cache on processor	Cacheless design	SDRAM-based cacheless design
On Board Video	Intel 69000 PCI video	SVGA MediaGX , Xpress video	Intel 69000 PCI video
Communication Ports	Two RS232; One IEEE 1284-compliant parallel	Two RS232; One IEEE 1284-compliant parallel	Two RS232; One IEEE 1284-compliant parallel
Keyboard Ports	PS/2	PS/2	PS/2
Watchdog Timer	User configurable	User configurable	User configurable
Power Requirements	Celeron: +5VDC @ 5A (typ @ 366 MHz) PIII: +5VDC @ 3.4A (typ @ 550 MHz); +12VDC @ 100 mA; -12VDC @ 100 mA	+5VDC @ 3A (typ); +12VDC @ 100 mA; -12VDC @ 100 mA	+5VDC @ 5A (typ); +12VDC @ 100 mA; -12VDC @ 100 mA
Mouse	Serial or PS/2	Serial or PS/2	Serial or PS/2
Ethernet	Intel 82559 10/100BASE-T	Intel 82558 10/100BASE-T	Intel 82558 10/100BASE-T
SCSI	Symbios 53C895 Ultra2 Wide SCSI	No	Adaptec 7880 Ultra Wide
USB	Two ports available	No	Two ports available

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	Single & Dual Pentium® II/III BX ***(single shown)***	***Single & Dual Pentium® II/III GX*** ***(dual shown)***
		
Processor	One or two Intel Pentium® II at 266-450 MHz or One or two Intel Pentium® III at 450-650 MHz using Slot 1 and Single Edge Contact Cartridge (SECC/SECC2)	One or two Intel Pentium® II at 266-450 MHz or One or two Intel Pentium® III at 450-650 MHz using Slot 1 and Single Edge Contact Cartridge (SECC/SECC2)
CPU Chipset	Intel 440BX AGPset	Intel 440GX AGPset with memory configurations up to 1G
Bus Architecture	PCI/ISA PICMG® 2.1 compatible	PCI/ISA PICMG® 2.1 compatible
DRAM Capacity	Two 168 pin DIMM sockets; Up to 512MB; Supports EDO & SDRAM; ECC with ECC DIMMs	Two 168 pin DIMM sockets; Up to 1G; Supports EDO & SDRAM; ECC with ECC DIMMs
Disk Controllers	Ultra DMA/33 EIDE primary and secondary	Ultra DMA/33 EIDE primary and secondary
BIOS	AMI FLASH BIOS	AMI FLASH BIOS
L2 Cache Memory	512K L2 cache on processor	512K L2 cache on processor
On Board Video	AGP Cirrus Logic GD5465	AGP Cirrus Logic GD5465
Communication Ports	Two FIFO 16C550; One IEEE 1284-compliant parallel	Two FIFO 16C550; One IEEE 1284-compliant parallel
Keyboard Ports	PS/2	PS/2
Watchdog Timer	User configurable	User configurable
Power Requirements	+5VDC @ 6.2A (typ @ 333MHz); +12VDC @ 100 mA; -12VDC @ 100 mA	+5VDC @ 9.75A (typ @400MHz); +12VDC @ 100 mA; -12VDC @ 100 mA
Mouse	Serial or PS/2	Serial or PS/2
Ethernet	Intel 21143 10/100BASE-TX	Intel 21143 10/100BASE-TX
SCSI	Adaptec 7880 Ultra Wide	Adaptec 7880 Ultra Wide
USB	Two ports available	Two ports available

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