

Feature	VIA PT880	VIA PM880	VIA PT800	VIA PM800	VIA P4X533
North Bridge					
Processor Support	Intel(R) Pentium(R) 4 and Celeron™ processors (including Prescott core)	Intel(R) Pentium(R) 4 and Celeron™ processors (including Prescott core)	Intel(R) Pentium(R) 4 and Celeron™ processors (including Prescott core)	Intel(R) Pentium(R) 4 and Celeron™ processors (including Prescott core)	Intel(R) Pentium(R) 4 and Celeron™ processors (including Prescott core)
Hyper Threading Support	Yes	Yes	Yes	Yes	Yes
Front Side Bus	800/533/400MHz	800/533/400MHz	800/533/400MHz	800/533/400MHz	533/400MHz
Bus Architecture	Asynchronous	Asynchronous	Synchronous	Asynchronous	Synchronous
Memory Support	DualStream64™ - Dual Channel DDR400/333/266 SDRAM w/ECC	DualStream64™ - Dual Channel DDR400/333/266 SDRAM w/ECC	FastStream64™ - Single Channel DDR400/333/266 SDRAM w/ECC	FastStream64™ - Single Channel DDR400/333/266 SDRAM w/ECC	FastStream64™ - Single Channel DDR333/266/200 SDRAM w/ECC
Max. Memory	16GB	16GB	16GB	16GB	16GB
External Graphics	AGP 8X/4X	AGP 8X/4X	AGP 8X/4X	AGP 8X/4X	AGP 8X/4X
Internal Graphics	N/A	S3 Graphics UniChrome™ Pro IGP	N/A	S3 Graphics UniChrome™ Pro IGP	N/A
Video/Display	N/A	MPEG2 decoder HDTV output	N/A	MPEG2 decoder HDTV output	N/A
South Bridge	VIA VT8237	VIA VT8237	VIA VT8237	VIA VT8237	VIA VT8237
North/South Bridge Link	Ultra V-Link (1066MB/sec)	Ultra V-Link (1066MB/sec)	Ultra V-Link (1066MB/sec)	Ultra V-Link (1066MB/sec)	8X V-Link (533MB/s)
Audio	VIA Vinyl™ 6-channel Audio (AC'97 integrated) VIA Vinyl™ Gold 8-channel Audio (PCI companion controller)	VIA Vinyl™ 6-channel Audio (AC'97 integrated) VIA Vinyl™ Gold 8-channel Audio (PCI companion controller)	VIA Vinyl™ 6-channel Audio (AC'97 integrated) VIA Vinyl™ Gold 8-channel Audio (PCI companion controller)	VIA Vinyl™ 6-channel Audio (AC'97 integrated) VIA Vinyl™ Gold 8-channel Audio (PCI companion controller)	VIA Vinyl™ 6-channel Audio (AC'97 integrated) VIA Vinyl™ Gold 8-channel Audio (PCI companion controller)
Networking	VIA Velocity Gigabit Ethernet (PCI companion controller)	VIA Velocity Gigabit Ethernet (PCI companion controller)	VIA Velocity Gigabit Ethernet (PCI companion controller)	VIA Velocity Gigabit Ethernet (PCI companion controller)	VIA Velocity Gigabit Ethernet (PCI companion controller)

	VIA integrated 10/100 Fast Ethernet	VIA integrated 10/100 Fast Ethernet	VIA integrated 10/100 Fast Ethernet	VIA integrated 10/100 Fast Ethernet	VIA integrated 10/100 Fast Ethernet
Serial ATA	2 x SATA 150 devices SATALite™ interface for 2 additional SATA devices (4 total)	2 x SATA 150 devices SATALite™ interface for 2 additional SATA devices (4 total)	2 x SATA 150 devices SATALite™ interface for 2 additional SATA devices (4 total)	2 x SATA 150 devices SATALite™ interface for 2 additional SATA devices (4 total)	2 x SATA 150 devices SATALite™ interface for 2 additional SATA devices (4 total)
V-RAID	RAID 0, RAID 1, and RAID 0+1* & JBOD (SATA)	RAID 0, RAID 1, and RAID 0+1* & JBOD (SATA)	RAID 0, RAID 1, and RAID 0+1* & JBOD (SATA)	RAID 0, RAID 1, and RAID 0+1* & JBOD (SATA)	RAID 0, RAID 1, and RAID 0+1* & JBOD (SATA)
IDE	ATA133 (up to 4 devices)	ATA133 (up to 4 devices)	ATA133 (up to 4 devices)	ATA133 (up to 4 devices)	ATA133 (up to 4 devices)
USB 2.0	8 ports	8 ports	8 ports	8 ports	8 ports
PCI Devices/Slots	6 slots	6 slots	6 slots	6 slots	6 slots
Modem	MC'97	MC'97	MC'97	MC'97	MC'97
I/O Protocols	I/O APIC / LPC Super I/O	I/O APIC / LPC Super I/O	I/O APIC / LPC Super I/O	I/O APIC / LPC Super I/O	I/O APIC / LPC Super I/O
Power Management	ACPI/APM/PCI/PM	ACPI/APM/PCI/PM	ACPI/APM/PCI/PM	ACPI/APM/PCI/PM	ACPI/APM/PCI/PM

**RAID Level 0+1 requires four Serial ATA drives; support for the two additional drives can only be implemented with two external Serial ATA ports enabled through a SATALite PHY.*