

Feature	VIA PT890	VIA PT880 Ultra	VIA PT880 Pro	VIA P4M890	VIA PM800	VIA P4M800 Pro	VIA P4M800
North Bridge							
Processor Support	Intel® Pentium® 4 and Celeron™ processors (including Prescott core)	Intel® Pentium® 4 and Celeron™ processors (including Prescott core)	Intel® Pentium® 4 and Celeron™ processors (including Prescott core)	Intel® Pentium® 4 and Celeron™ processors (including Prescott core)	Intel® Pentium® 4 and Celeron™ processors (including Prescott core)	Intel® Pentium® 4 and Celeron™ processors (including Prescott core)	Intel® Pentium® 4 and Celeron™ processors (including Prescott core)
Hyper Threading Support	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Front Side Bus	1066 / 800 / 533 / 400MHz	1066 / 800 / 533 / 400MHz	800 / 533 / 400MHz	1066 / 800 / 533 / 400MHz	800 / 533 / 400MHz	800 / 533 / 400MHz	800 / 533 / 400MHz
Bus Architecture	Asynchronous	Asynchronous	Asynchronous	Asynchronous	Asynchronous	Asynchronous	Asynchronous
Memory Support	StepUp™ - single Channel DDR400/333/266 DDR2 667/533/400 SDRAM w/ECC	StepUp™ - Dual Channel DDR400/333/266 DDR2 533/400 SDRAM w/ECC	StepUp™ - Dual Channel DDR400/333/266 DDR2 533/400 SDRAM w/ECC	StepUp™ - Single Channel DDR400/333/266 DDR2 533/400 SDRAM w/ECC	FastStream64™ - Single Channel DDR400/333/266 SDRAM w/ECC	DDR2 533,400 DDR400/333/266 SDRAM w/ECC	DDR400/333/266 SDRAM w/ECC
Max. Memory	4GB	4GB	4GB	4GB	3GB	2GB	3GB
External Graphics	PCI Express Graphics x16 PCI Express x1	AGP 8X/4X PCI Express x4	VIA Universal Graphics Interface •AGP 3.0 (AGP8X) •PCI Express	PCI Express x16	AGP 8X/4X	AGP 8X/4X	AGP 8X/4X
Internal Graphics	N/A	N/A	N/A	VIA UniChrome™ Pro IGP	VIA UniChrome™ Pro IGP	VIA UniChrome™ Pro IGP	VIA UniChrome™ Pro IGP
Video/Display	N/A	N/A	N/A	MPEG2 decoderHDTV output	MPEG2 decoderHDTV output	MPEG2 decoderHDTV output	MPEG2 decoderHDTV output
North/South Bridge Link	8X V-Link (533MB/s)	Ultra V-Link (1066MB/sec)	Ultra V-Link (1066MB/sec)	8X V-Link (533MB/s)	Ultra V-Link (1066MB/sec)	8X V-Link (533MB/s)	8X V-Link (533MB/s)

**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.*