

Feature	VIA K8T890	VIA K8T800 Pro	VIA K8T800	VIA K8M800	VIA K8M890
<b>North Bridge</b>					
Processor Support	AMD Athlon™64, Athlon™64FX & Sempron™ processors	AMD Athlon™64, Athlon™64FX & Opteron™ processors	AMD Athlon™64, Athlon™64FX & Opteron™ processors	AMD Athlon™64, Athlon™64FX & Opteron™ processors	AMD Athlon™64, Athlon™64FX & Opteron™ processors
Front Side Bus	1GHz/16-bit HyperTransport Bus Link	1GHz/16-bit HyperTransport Bus Link	800MHz/16-bit HyperTransport Bus Link	800MHz/16-bit HyperTransport Bus Link	1GHz/16-bit HyperTransport Bus Link
Bus Architecture	Asynchronous	Asynchronous	Synchronous	Synchronous	Synchronous
Memory Support	DDR memory controller integrated directly into processor*	DDR memory controller integrated directly into processor*	DDR memory controller integrated directly into processor*	DDR memory controller integrated directly into processor*	DDR memory controller integrated directly into processor*
External Graphics	PCI Express x16	AGP8X/4X	AGP8X/4X	AGP8X/4X	PCI Express x16
Integrated Graphics	N/A	N/A	N/A	S3 Graphics UniChrome™ Pro IGP	S3 Graphics DeltaChrome™ Pro IGP
PCI Express Peripheral Support	4 PCI Express x1	N/A	N/A	N/A	PCI Express x1
Video/Display	N/A	N/A	N/A	MPEG2 decoder HDTV output	HDTV output DuoView+ HDTV output
<b>South Bridge</b>	<a href="#">VIA VT8237R</a>	<a href="#">VIA VT8237R</a>	<a href="#">VIA VT8237R</a>	<a href="#">VIA VT8237R</a>	<a href="#">VIA VT8251</a>
North/South Bridge Link	Ultra V-Link (1066MB/s)	Ultra V-Link (1066MB/s)	8X V-Link (533MB/s)	8X V-Link (533MB/s)	8X Ultra V-Link (1GB/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 HD Audio
Networking	VIA Velocity™ Gigabit Ethernet (PCI companion controller) VIA integrated 10/100 Fast Ethernet	VIA Velocity™ Gigabit Ethernet (PCI companion controller) VIA integrated 10/100 Fast Ethernet	VIA Velocity™ Gigabit Ethernet (PCI companion controller) VIA integrated 10/100 Fast Ethernet	VIA Velocity™ Gigabit Ethernet (PCI companion controller) VIA integrated 10/100 Fast Ethernet	VIA Velocity™ Gigabit Ethernet (PCI companion controller) VIA integrated 10/100 Fast Ethernet

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<b>South Bridge</b>					
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)	4 x SATA II devices
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, RAID 0+1*, PAID 5 & 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/HTSTOP	ACPI/APM/PCI/PM	ACPI/APM/PCI/PM	ACPI/APM/PCI/PM	ACPI/APM/PCI/PM