

HP Consumer Support

Motherboard Specifications, Santafe

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Motherboard Information

FEATURE/SPECIFICATION	DESCRIPTION
Motherboard Manufacturer	TriGem
Motherboard Name	Santafe-KM
System BIOS Supplier	Phoenix
Form Factor	uATX
Processor Brand	AMD
Processor Socket Type	Socket-A (PGA462)
Processor Family	Athlon/Duron
Proc. Front Side Bus Freq.	200MHz
Chipset Name	VIA KM133
Chipset "North Bridge"	VT8365A
Revision/stepping	D
Chipset "South Bridge"	VT82C686B
Revision/stepping	C
Super I/O	(N/A)
Revision/stepping	(N/A)
Flash BIOS Device	Xbus 2Mbit
Memory Type	SDRAM
Memory Speed	PC100/PC133
Memory Sockets	2 DIMM
Maximum Memory	1GB
Graphics Supplier	VIA (Savage 4)
Graphics Configuration	Down, In Chipset
Onboard Graphics Memory	UMA, up to 64MB
Graphics Connector (AGP)	AGP 4X
TV-Out Device	No
TV-Out Configuration	(N/A)
Audio	AC'97 Down
AC'97 CODEC Device	Crystal CS1399

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Product (e.g. Deskjet D2680)

Question or keywords



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AC 97 CODEC Device		Crystal CS4299
Audio Jacks (Mic, Line-In, Spkr, MIDI/Game)		M, LI, LO, SO, MIDI/Game
M	Microphone	
LI	Line In	
LO	Line out	
SO	Speaker	
M/G	Midi/Game	
Ethernet 10/100 LAN Supplier		Realtek RTL8139C
Ethernet Configuration		PCI, Down
IDE UDMA Modes		ATA-100/66/33
Expansion Slots (AGP/PCI/Exten)		AGP, 3 PCI
USB Ports		4
USB Front/Back Options		2F+2B
Serial, Parallel, Floppy, PS2 Kbd and Mouse		1S, 1P, 1F, PS2 K+M
Serial Port Front Chassis Option		Yes
Available Mfg Options		-G, L, A
A	Audio down on motherboard	
C	External L2 cache on motherboard	
E	1394 on motherboard	
G	Graphics down (on motherboard or in chipset)	
L	LAN on motherboard (Ethernet) P - PCMCIA slot	
S	S3 power management support	
T	TV-out on motherboard	
U	Graphics card (up, not on motherboard)	
W	MS® Windows XP hardware compliant	

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Santafe-L

FEATURE/SPECIFICATION	DESCRIPTION
Motherboard Manufacturer	TriGem
Motherboard Name	Santafe-L
System BIOS Supplier	Phoenix
Form Factor	uATX
Processor Brand	AMD
Processor Socket Type	Socket-A (PGA462)
Processor Family	Athlon/Duron
Proc. Front Side Bus Freq.	200MHz
Chipset Name	VIA KL133

Chipset "North Bridge"		VT8364A
Revision/stepping		D
Chipset "South Bridge"		VT82C686B
Revision/stepping		C
Super I/O		(N/A)
Revision/stepping		(N/A)
Flash BIOS Device		Xbus 2Mbit
Memory Type		SDRAM
Memory Speed		PC100/PC133
Memory Sockets		2 DIMM
Maximum Memory		1 GB
Graphics Supplier		VIA (Savage 4)
Graphics Configuration		Down, In Chipset
Onboard Graphics Memory		UMA, up to 64MB
Graphics Connector (AGP)		None
TV-Out Device		No
TV-Out Configuration		(N/A)
Audio		AC'97 Down
AC'97 CODEC Device		Crystal CS4299
Audio Jacks (Mic, Line-In, Spkr, MIDI/Game)		M, LI, LO, SO, MIDI/Game
M	Microphone	
LI	Line In	
LO	Line out	
SO	Speaker	
M/G	Midi/Game	
Ethernet 10/100 LAN Supplier		Realtek RTL8139C
Ethernet Configuration		PCI, Down
IDE UDMA Modes		ATA-100/66/33
Expansion Slots (AGP/PCI/Exten)		3 PCI
USB Ports		4
USB Front/Back Options		2F+2B
Serial, Parallel, Floppy, PS2 Kbd and Mouse		2S, 1P, 1F, PS2 K+M
Serial Port Front Chassis Option		Yes
Available Mfg Options		-G, L A
A	Audio down on motherboard	
C	External L2 cache on motherboard	
E	1394 on motherboard	
G	Graphics down (on motherboard or in chipset)	
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T	TV-out on motherboard
U	Graphics card (up, not on motherboard)
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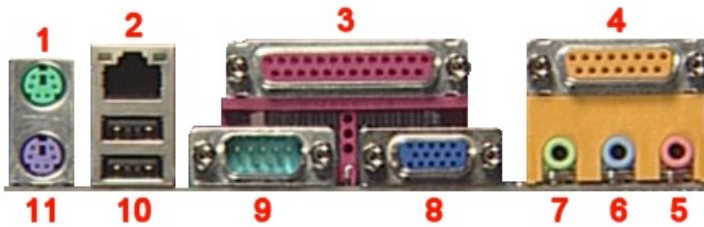
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Layout and Photographs

Figure 1: Photograph



Figure 2: Backplate



- 1 - Mouse
- 2 - RJ45
- 3 - Parallel
- 4 - Gameport
- 5 - Microphone
- 6 - Line-out
- 7 - Line-in
- 8 - VGA
- 9 - Serial
- 10 - USB

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