

The Next Generation of Amiga OS4 Hardware

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Mfr:	ACK Software Controls		Alternative Holding Group Srl., Soft3 & Virtual Works			Toika NG	
Model:	PowerVixxen LT	PowerVixxen TL	Bridgette	SAM440EP - Samantha	Moana	Amy' 05	Panda
Price:	< \$300 w/ OS4	~\$650 low end ~\$1000-1200 high	? (smaller bd)	~\$465-505	? (high end)	? < ~\$510	?
CPU:	FreeScale G3 SoC MPC5200 @ 400-466 Mhz	IBM G3 750GL @ 1.0 Ghz Freescale MPC 7448 @ 1.76 Ghz	?	AMCC G3 440EP SoC @533-667 Mhz	?	IBM G3 750GL @ 800 Mhz	Freescale G4 MPC7448 @ 1.25 Ghz (up to 1.76Ghz)
Bridge:	(SoC)	Tundra TS109	?	(SoC)	?	N: Tundra TS107 S: Geode CS 5536	Tundra TS109
RAM:	512 MB (Mbd)	?	?	512MB (Mbd) + DIMM socket for <= 512MB	?	(2) DIMM sockets for <= 512MB ea	(1) DIMM socket for <= 1GB
Audio Hdwr:	AC97 (SoC)	AC97 (TS109)	?	Cirrus Logic CS4281	?	SoundMac AD1888	CMI 8738
Video Hdwr:	Mini PCI by others	?		ATI Mobility M9 with 64MB RAM	?	PCI card by others	PCI card by others
AV Conns:	?	?	?	S-Video & DVI out, Audio In/Out, Line/Mic/CD/DVDIn	?	Audio, S-PDIF In	5.1 & S-PDIF out, Audio & S-PDIF In
HD I/O:	ATA IDE (SoC)	SATA/PATA (TS109)	?	(4) SATA	?	Sil 0680 (2) ATA 133	(2) SATA & (1) PATA
Serial:	none	?	?	(1) DB9	?	none	none
Ethernet:	(1) 100 Mb (SoC)	(2) 1Gb (TS109)	?	(2) 100Mb (SoC)	?	(1) RTL 8110 1Gb	(2) 1Gb
USB:	(1) USB 1.1 port (SoC)	(1?) USB (TS109)	?	(1) USB 1.1 (SoC) + (4) USB 2.0	?	(5) USB 2.0	(4) USB 2.0
Slots:	(1) Mini PCI Connects to A1200 CPU slot. OR Connects to "Carrier Board" for standalone use.	(1) PCI Express (1) Mini PCI (?)	? ? ? ?	(1) PCI (1) Mini PCI (1) GPIO "Geek Port" (1) Lattice FPGA chip LFXP 3,6,10,15/20	? ? ?	(1) 66Mhz 32bit, 3.3V for gfx (1) 33Mhz 32bit, 3.3V	(1) 66Mhz, 32bit, 3.3V for gfx card (1) 33Mhz, 32bit, 3.3V (2) MiniPCI "SmartCard" Irda port ?
Other:	?	?	?	optional CCTalk conn	?	(1) "Geek Port"	?
Webpages:	http://safir.amigaos.se/article_ack_eng.html		http://amiga.probers.info/images/stories/scena/amikit_empoli/Samantha.jpg http://denise.polarboing.com/download/misc/Presentazione%20Sam440.pdf			http://amiga.probers.info/images/stories/scena/amikit_empoli/Amy05.jpg http://troikang.com/spec.html http://amiga.probers.info/images/stories/scena/amikit_empoli/Panda.jpg	

Notes:

1. SoC = "System on a Chip" - embedded use, multifunction CPU chip.
2. Mbd = Motherboard.

3. by others = users or dealers add OS4 supported components.

NOTE: This is Preliminary information, boards are under development and changing!