treefiddy

Pocket 386

Depression level: 6/10

Specs

Component	Make and Model	Specifications and Capabilities
System, SoC	ALi M6117C	'PC-on-a-chip' style amalgam of silicon
SoC, CPU	Intel 80386SX	
SoC, Chipset	ALi M1217B	
SoC, RTC	Unknown	128-byte CMOS memory
SoC, DMA	8237 (x2)	DMA controllers, cascaded
SoC, MM	74612	Memory mapper
SoC, Int	8259 (x2)	Interrupt controllers, cascaded
SoC, PC	8254	“Programming counter”
RAM	4C161024C	
BIOS	Unknown	29C512 IC,
Storage	CH375B	USB Mass Storage controller
Storage	IDE controller	CF card
GPU	Cirrus Logic GD542X	Replaceable ISA card
Sound, Controller	Yamaha YMF262-M	OPL3 - wave output possible with addl. driver
Sound, Amp	PAM8403	
Serial	Generic, 16C550	Standard dual-UART COM ports, IRQ 4, address 3F8h
IO Controller	STC8G2K32S2	MCU controlling internal keyboard, mouse, etc.

Ports

- 1x ISA 8-bit (2.54mm-pitch pin header)
- 1x ISA 16-bit (2.54mm-pitch pin header)
- 1x Parallel (2.54mm-pitch pin header, break-out included)
- 1x RS-232 (2.54mm-pitch pin header, break-out included)
- 1x IO port (2.54mm-pitch pin header, break-out included) - VGA, PS/2 Keyboard & Mouse
- 1x 3.5mm TRS audio output

Maintenance history

- Electrolytic capacitor closest to 12V input failed; vendor sent replacement, installed.

Faults

- RTC fails to keep time and CMOS memory when main power is off
- Machine struggles to remain powered when battery low
- Speakers too loud; amp draws too much power
- Windows 95 drops to 16-colour mode when Internet Explorer is running

Nuveau-Retro, Laptops, Depression level 6

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Last update: **2024/08/26 13:46**