

M187 EXTERNAL SPECIFICATION

Rev 0.4

DATE : 05/28/98

1.	CPU	Intel Mobile Module (MMC2)	Support Pentium II 233/266/300 with AGP
2.	Core Logic	INTEL	443BX & PIIX4E
3.	Clock Generator	IC-WORKS	W48C111-16 & W40S11-02
4.	MEMORY	DRAM	0 MBYTES ON-BOARD
			144-PIN standard S.O.DIMM SOCKET*2
			3.3V EDO or SDRAM (66 or 100MHz)
			MAX. SIZE: 128 MBYTES
		L2 CACHE ON INTEL MMIO MODULE	Based on MMC2 (256/512K SYNC. SRAM)
		ROM	256K 512KBYTES BLOCK-ERASABLE FLASH-ROM
5.	VGA	ATI 3D RAGE LT PRO	64 Bit Graphic Engine
			4/8 M Bytes SGRAM
			MPEG II(Software)
			2X AGP 1.0
			MultiMedia 2D/3D engine
			Floating-Point Set-up Engine
			Integrated LVDS
			Support Dual CRT control
			Integrated TV-OUT
6.	SUPER I/O	NS PC97338	Support ACPI 1.0
			SERIAL PORT: 16550A COMPATIBLE
			PARALLEL PORT: SUPPORT EPP/ECP
7.	PCMCIA	OZ 6860	FIR PORT : HP2300
			CARDBUS
			PCI 2.1 COMPLIANT
			ZV PORT SUPPORTED in upper socket
8.	AUDIO	ESS 1968 Mastro 2 CODEC : ESS 1918	TYPE II * 2 OR TYPE III * 1
			STEREO SOUND BLASTER PRO COMPATIBLE
			INTERNAL MICROPHONE
			32 Bits PCI audio
			3D Effective
			S/W wavetable(2/4MB)
9.	BIOS	PHOENIX BIOS	INTERNAL STEREO SPEAKER (1.0W)
			SUPPORTS PnP & ACPI 1.0
10.	PMU		FULL-ON/DOZE/SLEEP/SUSPEND-TO-RAM/SUSPEND-TO-DISK
			SUPPORTS ACPI 1.0
11.	LCD	TFT	13.3" XGA/Hyundai & Hitachi & Samsung
			14.1 XGA/Hyundai & Hitachi & Samsung
12.	KBC	NS 570	USA/UK/SW/GER/FR/CHA/SP/IT/JP/NOR/SWE/KOREA Keyboard
			87/88 keys detachable
			19 mm Pitch
			3 mm Travel
			Supports Win95 Keyboard
13.	HDD	2.5" 12.7 mm	UP TO 3.1 GB OR HIGHER Toshiba & Hitachi
14.	FDD	MITSUMI	Swapable

		TEAC	SUPPORTS 3-MODE
		MITSUBISHI	Swapable with LS-120(Optional)
15.	CD-ROM	MITSUMI TOSHIBA 20X & 24X	Swapable with DVD(Optional) Swapable with 2 nd Battery(Optional) Swapable with ZIP(Optional)
16.	BATTERY	SMART BUS BATTERY	
		NiMH	SOLOMEN SL-3LS
			GLW MN36S
		LIION	GLW MN202S
			MOLICELL MN202
17.	AC ADAPTER	ILAN	100-240V.50-60HZ.2PINS.55-60W
18.	Indicator	LCM	AC-IN, System work, Suspend, HDD, FDD, CD-ROM, Caps lock, Num Lock, Scroll Lock, Charge blink, Battery gauge, PCMCIA 1/2, Mute
19.	I/O PORT	9-PIN SERIAL PORT	
		25-PIN PARALLEL PORT	
		15-PIN CRT PORT	
		PS/2 KEYBOARD/MOUSE PORT	
		2 USB PORT	
		EXTERNAL MICROPHONE JACK	
		EXTERNAL SPEAKER JACK	
		LINE IN JACK	
		AV JACK	
		GAME PORT	
		PCMCIA PORT	
		REPLICATOR PORT	
20.	HOT KEY	Fn-F1	Entry Suspend to RAM
		Fn-F2	Entry Suspend to Disk
		Fn-F4	Switch Display Mode(LCD only, CRT only, Simul)
		Fn-F5	Mute
		Fn-F7	Increase Volume
		Fn-F8	Decrease Volume
		Fn-F9	Increase LCD Brightness
		Fn-F10	Decrease LCD Brightness
		Fn-F11	Increase LCD Contrast
		Fn-F12	Decrease LCD Contrast
21.	EMI	FCC/CE/VCCI/EMC	
22.	SAFETY	UL/TUV/CSA/T-MARK	
23.	ACCESSORY	144 Pins DIMM memory module 16/32/64 MB	
		2 nd Smart Battery Pack	
		DVD Module	
		LS-120	
		ZIP	
		Replicator	
		Fax/Modem Module(56K bps)	
24.	Heat Exchanger	Heat Sink + Heat Pipe + Fan	
25.	Replicator	Serial/Parallel/Game/CRT/AC-IN/Keyboard/Mouse/Audio output/MODEM/TV Out	
26.	PHYSICAL	DIMENSION	320 * 256 * 46 (mm)
		WEIGHT	7.7 lbs
		Security Lock	