

Marketing Spec – Z80H

Processor & Cache		
Processor & Cache	S	Intel® Pentium® 4 Processor FCPGA Package with Socket-478n 0.13µProcessr (1).Pentium 4-P, 533Mhz FSB, 512Kache,2.66/2.8 GHz (2).Pentium4-P, 800Mhz FSB, H.T, 2.4 , up to 2.8Gu (3).Mobile Intel® Pentium® 4 Processor up to 3.06GHzu (4).Celeron value, 400/ 533Mhz FSB, 128/256K Cache – DTP up to 2.8 Ghz Mobile Intel® Pentium® 4 Processor - Mn uPGA Package with Socket-478n 0.13µProcessu
	C	(1).Intel Pentium 4-M,400 MHz, up to 2.6GHz (2).Mobile Celeron , 400Mhz FSB, 128K/256K Cache – up to2.5Ghz Intel Pentium 4.n FC-PGA2 Package w/ socket 478n 0.13µProcessu
	H	(1).Intel® Pentium® 4 ,533Mhz FSB, 512K Cache – DTP 2.66/2.8 GHz (2).Celeron value, 400Mhz FSB, 128K Cache – DTP 2.4Ghz n Mobile Intel® Pentium® 4 Processor - Mn uFC-PGA 478 Socket-n 0.13µProcessu
	L	(1).P4-M up to 2.2 GHz (2).Celeron value, 400Mhz FSB, 128K/256 L2 Cache up to 2.2 GHz Mobile AMD Athlon™ XP-M Processor n Speed up to K7 2600+/2800+/3000+ with 0.13m, L1
	D	128K, L2 512K, 266 MHz FSB n (Barton 72W CPU)
BIOS		
BIOS	S	AWARD BIOS coden 2MB Flash EPROMn PMU, Plug & Play
	D	AMI BIOS coden 4MB Flash EPROMn PMU, Plug & Play
Chipsets		
Chipsets	H/L	SiS M650+ SiS962
	S/C	SiS 648FX + SiS963L
	D	SIS M746FX + SIS 963L
Main Memory		
Memory		Two SODIMM socket supported for expansion up to 1024MB total (512MB DDR SO-DIMM x2)
User Installable Memory		One DDR SO-DIMM Slot of 256/512 MB
Maximum Memory		Two DDR SO-DIMM Slots for Maximum Memory of 1024MB
Graphics & Video Module		
Graphics & Video Module	H/L	UMA SiS M650
	S/C/D	ATI M10-P (Mobility Radeon 9600Pro) with external 64MB VRAM

HDD		
HDD		2.5" 9.5mm IDE HDD with Ultra DMA/100 support
		Supported capacities of 30/ 40/ 60/ 80 GB or higher
Optical Device		
CD-ROM Player		BTO 24X CD-ROM Drive
DVD-ROM Player		BTO 8X DVD-ROM Drive
DVD/CD-RW Combo		BTO 8X/24X24X24X DVD Combo Drive
DVD-RW		BTO 2X DVD-RW Combo Drive
Video		
Display Controller	S/C/D	ATI M10-P (Mobility Radeon 9600Pro) with external 64MB VRAM LCD/CRT Auto Sense, Dual Display
	H/L	SiS M650
LCD Display		
LCD Display		14.1" TFT-LCD, XGA 1024x768, 16.7M colors
		15" TFT-LCD, XGA 1024x768, 16.7M colors
		15" TFT-LCD, SXGA+ 1400x1050, 16.7M colors
CRT Display Modes		
External CRT Display Mode		VGA 640x480, 256/64K/16.7M Colors SVGA 800x600, 256/64K/16.7M Colors XGA 1024x768, 256/64K/16.7M Colors SXGA 1280x1024, 256/64K/16.7M Colors UXGA 1600x1200, 256/64K/16.7M Colors
Communication		
IrDA		SIR Supported
Modem board		56K S/W modem (MDC type)
		Video-conferencing I/F Compliance, V.90 support
LAN		10/100 Base T (on board)
Wireless LAN		Built in antenna (optional)
	H/L	Mini PCI 802.11b
	S/C/D	Mini PCI 802.11b/g

Audio/Multimedia DJ		
Features		Built-in AC'97 stereo sound, with 3D sound effects
		Full duplex audio
		Built-in stereo speakers and mono microphone
		Multimedia DJ play supports
Interface / Ports		
I/O Ports		1 IEEE 1394
		1 Infrared port support SIR
		2 Audio jacks: Microphone-in/Line-in
		1 VGA port/Mini D-sub 15-pin for external monitor
		5 USB 2.0 ports
		1 printer port
		1 S-Video TV-out
		1 Type II PCMCIA slot
		1 Four in one Card Reader
		1 RJ11 connector for Modem
		1 RJ45 connector for Ethernet
I/O Devices		
PC Card Slot		1 type II card, CardBus support
Card Reader		SD/MMC/MS/MS Pro 4 in 1 Card Reader
Keyboard		19 mm full size 88key with MS-Windows function keysn 3mm travel
Pointing Device		Built-in Touch pad pointing device , 2 click buttons with scroll key
Hot Keys		4 Instant Keys: Email, Internet Access, AP1, Power4 Gear
System Status Indicator		
Indicator		Power on/Suspend, Battery Charging, Storage Access, Caps Lock, and Number Lock
		Email-in, Wireless
AC Adapter		
AC Adapter	L	Output: 19V DC, 3.42A, 65W
	C	Output: 19V DC, 4.7A, 90W
	H/S/D	Output: 19V DC, 6.3A, 120W
		Input: 100~240V AC, 50/60Hz Universal

Battery Pack & Life		
Primary Battery Pack		Li-Ion 8cells, 4400mAh battery pack
		Charging time, 2.5hrs (power off)/3.5hrs (power on)
		Battery low warning
Power Management		Full feature ACPI power management, Stand-by, Suspend to Disk, Suspend to RAM
		ACPI 2.0 supported
Dimension / Weight		
Dimension	H/L/S/C	328(W) x 270(D) x 27-42(H)mm
	D	328(W) x 270(D) x 27-47(H)mm
Weight	H/L	3.1-3.3kg
	S/C/D	3.2-3.3kg