

## Marketing Spec – Z90R

<b>Processor &amp; Cache</b>	
Processor & Cache	uFC-PGA package Intel® Pentium® M Processor - up to 1.7 GHz with 1024K On-Die L2 Cache Intel® Celeron M Processor - up to 1.3GHz with 512 On-Die Cache Supports Enhanced SpeedStep Technology
<b>BIOS</b>	
BIOS	AMI 512K Flash EPROM
<b>Chipsets</b>	
Chipsets	ATI RS300MB + IXP 150
<b>Main Memory</b>	
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
<b>Graphics &amp; Video Module</b>	
Graphics & Video Module	ATI RS300MB embedded VRAM shared system memory, maximum to 128MB
<b>HDD</b>	
HDD	2.5" 9.5mm IDE HDD with Ultra DMA/100 support
	Supported capacities of 30/ 40/ 60/ 80 GB or higher
<b>Optical Device</b>	
CD-ROM Player	N/A
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
<b>Video</b>	
Display Controller	ATI RS300MB Embedded LCD/CRT Auto Sense, Dual Display
<b>LCD Display</b>	
LCD Display	15" TFT-LCD, XGA 1024x768, 16.7M colors
	15" TFT-LCD, SXGA+ 1400x1050, 16.7M colors

<b>CRT Display Modes</b>	
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
<b>Communication</b>	
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)
	Mini PCI 802.11b
<b>Audio/Multimedia DJ</b>	
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
<b>Interface / Ports</b>	
I/O Ports	2 IEEE 1394
	1 Infrared port support SIR
	1 SPDIF optical out, combo with headphone jack
	2 Audio jacks: Microphone-in/Line-in
	1 VGA port/Mini D-sub 15-pin for external monitor
	4 USB 2.0 ports
	1 printer port
	1 S-Video TV-out
	1 PS2 port
	1 Type II PCMCIA slot
	1 RJ11 connector for Modem
	1 RJ45 connector for Ethernet

<b>I/O Devices</b>	
PC Card Slot	1 type II card, CardBus support
Keyboard	Desktop-like 19mm full size (qwerty key only) 86-key with Windows function keys
	Thickness: 5.0mm
Pointing Device	Built-in Glide Pad with 2 Click Buttons, 1 jog-dial Button
Hot Keys	4 Instant Keys: Email, Internet Access, AP1, Power4 Gear+
<b>System Status Indicator</b>	
Indicator	Power on/Suspend, Battery Charging, Storage Access, Caps Lock, and Number Lock
	Email-in, Wireless, Multimedia DJ LED
<b>AC Adapter</b>	
AC Adapter	Output: 19V DC, 3.42A, 65W
	Input: 100~240V AC, 50/60Hz Universal
<b>Battery Pack &amp; Life</b>	
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
<b>Dimension / Weight</b>	
Dimension	336(W)x275(D)x32~36(H) mm
Weight	3kg (6.6lbs)