

Marketing Spec – Z31N

2004/6/29

Processor & Cache	
Processor & Cache	uFC-PGA package Intel Pentium® M Processor with 1MB On-Die L2 Cache Speeds at 1.4-1.7 GHz Pentium M, ~2.0 GHz (Dothan)
BIOS	
BIOS	AMI, 3Mb Flash EPROM, PMU, Plug & Play.
Chipsets	
Chipsets	Intel 855GME
Main Memory	
Memory	One DDR uSO-DIMM Slot for Dealer Installation
User Installable Memory	One DDR uSO-DIMM Slot of 128/256 MB
Maximum Memory	One DDR uSO-DIMM Slots for Maximum Memory of 512MB
Graphics & Video Module	
Graphics & Video Module	Embedded Intel® 855GME internal GFX
HDD	
HDD	Dealer configurable 2.5"/1.8" Format 9.5mm High HDD
	Supported capacities of 40/ 60/ 80 GB
Optical Device	
CD-ROM Player	N/A
DVD-ROM Player	N/A
DVD/CD-RW Combo	24X/24X/8X/24X DVD+CD-RW combo drive
DVD-Multi	2X/24X/10X/8X/24X DVD-RW drive
Video	
Display Controller	Embedded Intel® 855GME internal GFX
LCD Display	
LCD Display	12.1" active matrix color TFT
	12.1" XGA

CRT Display Modes	
External CRT Display Mode	XGA 1024x768, 256/64K/16.7M Colors
Communication	
IrDA	N/A
Modem board	AC97 MDC
LAN	10/100 BaseT PCI LAN
Wireless LAN	Built in antenna (optional)
	Mini PCI 802.11b ; 802.11b/g (optional)
Audio/Multimedia DJ	
Features	AC97 S/W audio
	Built-in Speaker
Interface / Ports	
I/O Ports	One IEEE 1394
	One mini D-sub 15-pin VGA Port for external DDC monitor
	Three USB 2.0 Ports
	One Audio out Jack
	One Microphone-In Jack
	One RJ-11 Port for Modem Module
	One RJ-45 Port for LAN Module
	One 4-in-1 Card Reader
I/O Devices	
PC Card Slot	One Type II/I, CardBus 2.1 Interface
Keyboard	19mm 83-key with MS-XP function keys
Pointing Device	Built-in TouchPad with 2 Click Buttons, Scroll Button
Hot Keys	One Intelligent Buttons for Power4Gear
System Status Indicator	
Indicator	Power on/Suspend, Battery Charging, Wireless
AC Adapter	
AC Adapter	Output: 19V DC, 2.64A, 50W
	Input: 100~240V AC, 50/60Hz Universal

Battery Pack & Life	
Primary Battery Pack	3-cell Li-Ion Battery Pack/2200mAh/24.4W
	Approximately 3+ Hours of Battery Life
	Battery low warning
Battery Pack & Life	Li-Ion 3 cells: 2200mAh, 3S1P, 24 W (removable): 2.5 hours Run-down life Li-Ion 6 cells: 4400mAh, 3S2P, 48 W (removable): 5 hours Run-down life Li-Ion 9 cells: 6600mAh, 3S3P, 72 W (removable): 7.9 hours Run-down life Charging time, 2 hrs Quick charge 90% (Power off) / 4hrs (Power on)
Power Management	Full feature SMI power management Support for Microsoft ACPI and APM
Dimension / Weight	
Dimension	275(W) mm x 235(D) mm x 29.8(H) mm
Weight	Approximately 1.5Kg; 2.86lbs, Banias CPU, 2.5"HDD, 6 cell battery