



APPENDIX **E**

BIOS Settings

This appendix lists the BIOS settings used in the Cisco NAM 2220 appliance. The appliance uses BIOS version 88.



Note

We recommend that you do not change any of these BIOS settings.

Table E-1 Cisco 2220 NAM Appliance BIOS Settings

Type	CMOS Setup Menu Contents	Setting
Main	Quiet Boot	Enabled
	POST Error Pause	Disabled
	System Date	Use CLI clock set command to set current date and time.
	System Time	
Advanced—Processor	Core Frequency	n/a
	System Bus Frequency	n/a
	Enhanced Speed Step	Enabled
	Core-Multi Processing	Enabled
	Virtualization Technology	Disabled
	Simulated MSI Support	Enabled
	Execute Disable Bit	Enabled
	Hardware Prefetcher	Enabled
	Adjacent Cache Line Prefetch	Enabled
	Processor Retest	Disabled
Advanced—Memory	Memory Mirroring Possible	Display only
	Memory Sparing Possible	
	Select Memory RAS Configuration	RAS Disabled
	Snoop Filter	Enabled
	FSB High Bandwidth Optimization	Disabled

Table E-1 Cisco 2220 NAM Appliance BIOS Settings (continued)

Type	CMOS Setup Menu Contents	Setting
Advanced—ATE Controller	Onboard PATA Controller	Enabled
	Onboard SATA Controller	Enabled
	SATA Mode	Enhanced
	AHCI Mode	Disabled
	Configure SATA as RAID	Disabled
Advanced—Mass Storage Controller	SAS Controller	Enabled
	Hardware-RAID Activation Key Present	Always installed
Advanced—Serial Port	Serial Port A Enable	Enabled
	Address	3F8
	IRQ	4
	Serial Port B Enable	Enabled
	Address	2F8
	IRQ	3
Advanced—USB Configuration	USB Controller	Enabled
	Legacy USB Support	Enabled
	Port 60/64 Emulation	Disabled
	Device Reset Timeout	20 seconds
	USB 2.0 Controller	Enabled
Advanced—PCI	Memory Mapped I/O Start Address	2.5 GB
	Memory Mapped I/O Above 4 GB	Disabled
	Onboard Video	Enabled
	Dual Monitor Video	Disabled
	Onboard NIC ROM	Enabled
	I/O Module NIC ROM	Enabled
	Intel I/OAT	Enabled
Advanced—System Acoustic and Performance Configuration	Set Fan Profile	Performance
	Altitude	301 m - 900 m
Advanced—Server	Admin Password	—
	User Password	—
	Front Panel Lockout	Disabled

Table E-1 Cisco 2220 NAM Appliance BIOS Settings (continued)

Type	CMOS Setup Menu Contents	Setting
Server Management	Assert NMI on SERR	Enabled
	Assert NMI on PERR	Enabled
	Resume on AC Power Loss	Last State
	Clear system Event Log	Disabled
	FRB-2 Enable	Enabled
	OS Boot Watchdog Timer	Disabled
	OS Boot Watchdog Timer Policy	Linked to above.
	Plug & Play BMC Detection	Enabled
Server Management—Console Redirection	Console Redirection	Serial Port B
	Flow Control	None
	Baud Rate	9.6 K
	Terminal Type	VT-100
Boot Options	Boot Timeout	10 seconds
	Boot Option #1	CD
	Boot Option #2	Hard Drive
	Boot Option #3	[EFI Shell]
Boot Manager	CD	
	Hard Drive	
	[EFI Shell]	
Error Manager		

