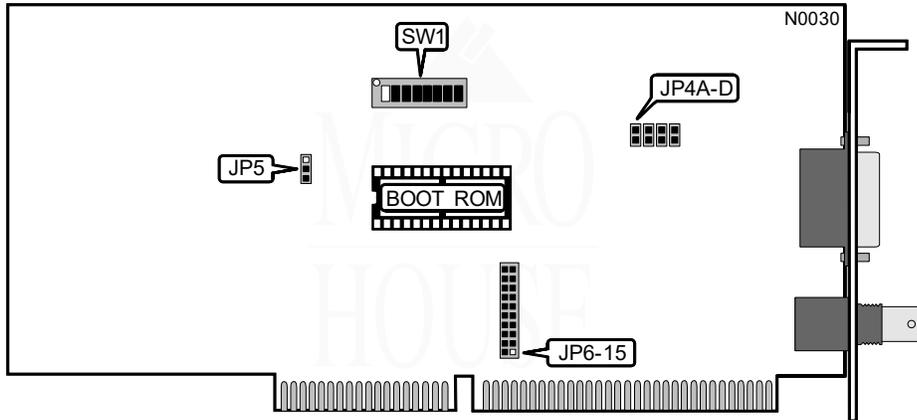


GATEWAY COMMUNICATIONS, INC.
 G/ETHERNET 16 ADAPTER (NATIONAL CHIPSET)

NIC Type Ethernet
Transfer Rate 10Mbps
Data Bus 16-bit ISA
Topology Linear Bus
 Star
Wiring Type RG--58A/U 50ohm coaxial
 AUI transceiver via DB-15 port
 Shielded
 Unshielded twisted pair
Boot ROM Available



CABLE TYPE	
Type	JP4A - JP4D
RG-58A/U 50ohm coaxial	Closed
AUI transceiver via DB-15 port	Open

COMPATIBILITY MODE	
Setting	JP5
Normal operation	Pins 1 & 2 Closed
Compatibility mode	Pins 2 & 3 Closed
Note: If the system locks up, experiences boot failures, or continues network error messages then use the compatibility mode setting.	

Continued on next page . . .

GATEWAY COMMUNICATIONS, INC.
 G/ETHERNET 16 ADAPTER (NATIONAL CHIPSET)

... continued from previous page

INTERRUPT REQUEST										
IRQ	JP6	JP7	JP8	JP9	JP10	JP11	JP12	JP13	JP14	JP15
i3	Open	Closed	Open							
2/9	Closed	Open								
4	Open	Open	Closed	Open						
5	Open	Open	Open	Closed	Open	Open	Open	Open	Open	Open
6	Open	Open	Open	Open	Closed	Open	Open	Open	Open	Open
7	Open	Open	Open	Open	Open	Closed	Open	Open	Open	Open
10	Open	Open	Open	Open	Open	Open	Closed	Open	Open	Open
11	Open	Closed	Open	Open						
12	Open	Closed	Open							
15	Open	Closed								

I/O BASE ADDRESS				
Address	SW1/1	SW1/2	SW1/3	SW1/4
i2A0h-2BFh	On	Off	On	On
280h-29Fh	On	On	On	On
2C0h-2DFh	On	On	Off	On
2E0h-2FFh ¹	On	Off	Off	On
300h-31Fh	On	On	On	Off
320h-33Fh	On	Off	On	Off
340h-35Fh	On	On	Off	Off
360h-37Fh ¹	On	Off	Off	Off

Note ¹ : Not valid when controller uses boot ROM with part number 83020036-05 or greater.

BOOT ROM ADDRESS		
Address	SW1/5	SW1/6
iCC000-CFFFFh	Off	Off
C0000-C3FFFh	On	On
C4000-C7FFFh	Off	On
C8000-CBFFFh	On	Off

MISCELLANEOUS NOTES

Different drivers must be used for the National & the Fujitsu chipset cards, they are not interchangeable. Fujitsu drivers may be used for either 8 or 16-bit Fujitsu cards, while the National chipset cards require a different driver for an 8 or 16-bit card.