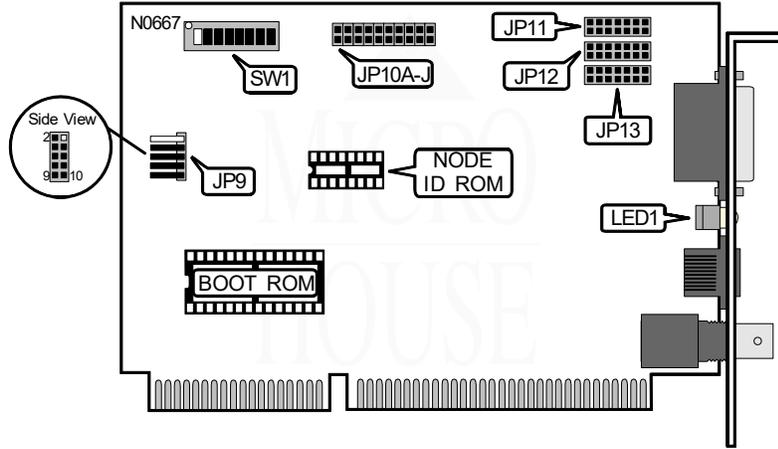


**THE NETWORK INTERFACE CARD TECHNICAL GUIDE**  
**GATEWAY COMMUNICATIONS, INC.**  
**G/ETHERNET 16 COMBO ADAPTER**

**NIC Type** Ethernet  
**Transfer Rate** 10Mbps  
**Data Bus** 16-bit ISA  
**Topology** Star  
**Wiring Type** AUI transceiver via DB-15 port  
 Unshielded twisted pair  
 RG58A/U 50ohm

**Boot ROM** Available



CABLE TYPE			
Type	JP11	JP12	JP13
Unshielded twisted pair	Open	Closed	Open
RG58A/U 50ohm coaxial	Closed	Open	Open
AUI transceiver via DB-15 port	Open	Open	Closed

DIAGNOSTIC LED OPTIONS	
LED Option	JP9
On-board link test LED enabled	Pins 1 & 3 closed
External link test LED	Pins 3 & 4 closed
External receive data LED	Pins 5 & 6 closed
External transmit data LED	Pins 7 & 8 closed
External collision detection LED	Pins 9 & 10 closed

Note: Due to card design, you may only connect up to three external LEDs at one time.

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DEVICE I/O ADDRESS						
Address	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
12A0h - 2BFh	On	Off	On	Off	Off	Off
260h - 27Fh	On	On	On	Off	Off	Off
280h - 29Fh	Off	On	On	Off	Off	Off
2E0h - 2FFh	Off	Off	On	Off	Off	Off
300h - 31Fh	On	On	Off	Off	Off	Off
320h - 33Fh	Off	On	Off	Off	Off	Off
380h - 39Fh	On	Off	Off	Off	Off	Off
3E0h - 3FFh	Off	Off	Off	Off	Off	Off

FACTORY CONFIGURED SETTINGS	
Switch	Setting
SW1/switch 7	Off
SW1/switch 8	Off

INTERRUPT SETTINGS										
IRQ	JP10A	JP10B	JP10C	JP10D	JP10E	JP10F	JP10G	JP10H	JP10I	JP10J
5	Open	Open	Open	Closed	Open	Open	Open	Open	Open	Open
2/9	Closed	Open								
3	Open	Closed	Open							
4	Open	Open	Closed	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								

DIAGNOSTIC LED			
LED	Color	Status	Condition
LED1	Green	On	Network connection is good
LED1	Green	Off	Network connection is broken