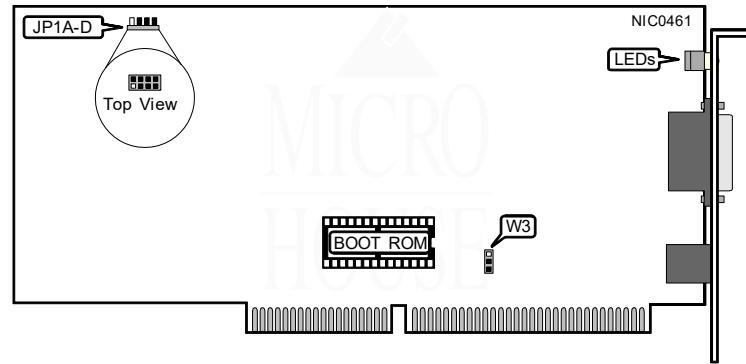


NATIONAL SEMICONDUCTOR CORPORATION

ETHERNODE 16AT-T

NIC Type	Ethernet
Transfer Rate	10Mbps
Data Bus	8/16-bit ISA
Topology	Linear Bus
Wiring Type	Unshielded twisted pair
	AUI transceiver via DB-15 port
Boot ROM	Available



CARD IDENTIFICATION NUMBER				
Number	JP1A	JP1B	JP1C	JP1D
1	Open	Open	Open	Closed
2	Open	Open	Closed	Open
3	Open	Closed	Open	Open
4	Closed	Open	Open	Open

Note: Up to four NICs can be installed in a single system. If more than one card is installed, each card must have a different Identification number.

LINK INTEGRITY TEST	
Setting	W3
Enabled	Pins 2 & 3 closed
Disabled	Pins 1 & 2 closed

Note: The link integrity test is only valid when the cable type is unshielded twisted pair.

NETWORK SEGMENT LENGTH NOTES
The segment length is automatically detected and configured on this card, but may not be on other cards on the network segment. All NICs on the network segment must have this option set the same.

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DATA BUS SPEED NOTES

On some systems the data bus timing is not truly IBM PC/AT compatible. If the card is not initializing, Changing the data bus speed from 'Normal' to 'Fast' may allow the card to operate properly. To change the data bus speed you must use the ICRCNFIG utility that comes with the card.

BOOT ROM/CHECKPOINT SECURITY CHIP NOTES

The boot ROM socket accepts an 8K boot ROM or a CheckPoint security chip. The CheckPoint security chip supplies virus protection, access control, and access logging functions.

DIAGNOSTIC LED(S)

Color	Status	Condition
Green	On	Twisted pair network connection is good
Green	Off	Twisted pair network connection is broken
Red	On	Data is being transmitted or received
Red	Off	Data is not being transmitted or received