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UNIVERSAL SERIES ENET 16-COMBO (REV. D)

NIC Type	Ethernet
Transfer Rate	10Mbps
Data Bus	16-bit ISA
Topology	Star
	Linear Bus
Wiring Type	Unshielded twisted pair
	RG58A/U 50ohm coaxial
	AUI transceiver via DB-15 port
Boot ROM	Available
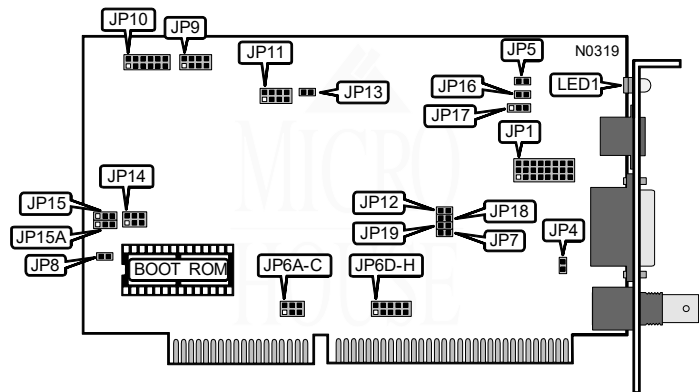
CABLE TYPE		
Type	JP1A - JP1F	JP16
íUnshielded twisted pair	Pins 1 & 2 closed	Closed
RG58A/U 50ohm	Pins 1 & 2 closed	Open
AUI transceiver via DB-15 port	Pins 2 & 3 closed	Open

SEGMENT LENGTH	
Length	JP4
í185 Meters	Closed
300 Meters	Open
Note: Each card o the network must have the same segment length selected.	

INTERRUPT REQUEST								
IRQ	JP6A	JP6B	JP6C	JP6D	JP6E	JP6F	JP6G	JP6H
2	Open	Open	Open	Closed	Open	Open	Open	Open
í3	Open	Open	Open	Open	Closed	Open	Open	Open
4	Open	Open	Open	Open	Open	Closed	Open	Open
5	Open	Open	Open	Open	Open	Open	Closed	Open
7	Open	Open	Open	Open	Open	Open	Open	Closed
10	Open	Open	Closed	Open	Open	Open	Open	Open
11	Open	Closed	Open	Open	Open	Open	Open	Open
15	Closed	Open	Open	Open	Open	Open	Open	Open

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I/O BASE ADDRESS				
Address	JP9A	JP9B	JP9C	JP9D
200h	Closed	Closed	Closed	Closed
220h	Closed	Closed	Closed	Open
240h	Closed	Closed	Open	Closed
260h	Closed	Closed	Open	Open
í280h	Closed	Open	Closed	Closed
2A0h	Closed	Open	Closed	Open
2C0h	Closed	Open	Open	Closed
2E0h	Closed	Open	Open	Open
300h	Open	Closed	Closed	Closed
320h	Open	Closed	Closed	Open
340h	Open	Closed	Open	Closed
360h	Open	Closed	Open	Open
380h	Open	Open	Closed	Closed
3A0h	Open	Open	Closed	Open
3C0h	Open	Open	Open	Closed
3E0h	Open	Open	Open	Open

BOOT ROM ADDRESS						
Address	JP10A	JP10B	JP10C	JP10D	JP10E	JP10F
C0000h	Open	Closed	Closed	Closed	Closed	Closed
C2000h	Open	Closed	Closed	Closed	Closed	Open
C4000h	Open	Closed	Closed	Closed	Open	Closed
C6000h	Open	Closed	Closed	Closed	Open	Open
C8000h	Open	Closed	Closed	Open	Closed	Closed
CA000h	Open	Closed	Closed	Open	Closed	Open
CC000h	Open	Closed	Closed	Open	Open	Closed
CE000h	Open	Closed	Closed	Open	Open	Open
D0000h	Open	Closed	Open	Closed	Closed	Closed
íD2000h	Open	Closed	Open	Closed	Closed	Open
D4000h	Open	Closed	Open	Closed	Open	Closed
D6000h	Open	Closed	Open	Closed	Open	Open
D8000h	Open	Closed	Open	Open	Closed	Closed
DA000h	Open	Closed	Open	Open	Closed	Open
DC000h	Open	Closed	Open	Open	Open	Closed
DE000h	Open	Closed	Open	Open	Open	Open

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ETHERNET VERSION SELECT

Type	JP5
íEthernet version 2, IEEE802.3	Open
Ethernet version 1	Closed
Note: Most modern Ethernet installations use Version 2.	

MEMORY WAIT STATE

Setting	JP7
íSystem preset (usually 1WS 16-bit/4WS 8-bit)	Open
0 wait states for 16-bit/2 wait states for 8-bit	Closed
Note: Use 0 Wait states when using the NIC in a 6MHz or slower PC and on-board SRAM is 35ns type.	

I/O BUS WAIT STATE

Setting	JP12
íSystem preset (usually 1WS 16-bit/4WS 8-bit)	Closed
0 wait states for 16-bit/2 wait states for 8-bit	Open

BOOT ROM

Setting	JP8
íDisabled	Open
Enabled	Closed

DRIVER COMPATIBILITY MODE SELECT

Mode	Onboard RAM	Driver	Expansion Slot	JP11A	JP11B	JP11C	JP11D
íWD CPX	16KB	ENETCPX	16-bit only	Open	Closed	Open	Closed
WD CPX	16KB	WD8003	8/16-bit	Open	Closed	Open	Closed
WD CPX	64KB	ENETCPX	16-bit only	Open	Closed	Closed	Closed
WD CPX	64KB	WD8003	8/16-bit	Open	Closed	Closed	Closed
WD-WDP	16KB	WDPLUS	16-bit only	Open	Open	Open	Closed
NE-NE1000	16KB	NE1000	8/16-bit	Closed	Open	Open	Open
NE-NE2000	16KB	NE2000	8/16-bit	Open	Open	Open	Open

BOOT ROM SIZE

Size	JP14A	JP14B	JP14C	JP15	JP15A
í8KB	Open	Open	Open	Pins 1 & 2 closed	Pins 1 & 2 closed
16KB	Closed	Open	Open	Pins 1 & 2 closed	Pins 1 & 2 closed
32KB	Open	Closed	Open	Pins 1 & 2 closed	Pins 2 & 3 closed
64KB	Open	Open	Closed	Pins 2 & 3 closed	Pins 2 & 3 closed

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LINK INTEGRITY TEST	
Setting	JP17
íEnabled	Pins 1 & 2 closed
Disabled	Pins 2 & 3 closed

DATA BUS SIZE	
Setting	JP18
í16-bit	Closed
8-bit	Open
Note: The card can be installed in a 16-bit slot and the data bus size set to 8-bit. See note regarding JP19.	

NE2000 MODE BUS MASTER COMPATIBILITY	
Mode	JP19
íNormal operation	Open
NE2000 mode with Bus Master Card present	Closed

Note: This jumper should only be closed when adapter is set in the NE2000 mode with a Bus Master card present,
     see 'Driver Compatibility Mode Select' table above. When JP19 is 'Closed', JP18 must be 'Open' regardless
     of whether the adapter is in an AT or XT.	

CONNECTORS	
Purpose	Location
Network activity LED	JP13

DIAGNOSTIC LED(S)		
LED	Status	Condition
LED1	On	Twisted pair network connection is good
LED1	Off	Twisted pair network connection is broken
Note: LED1 indications are only valid when the cable type is twisted pair.		