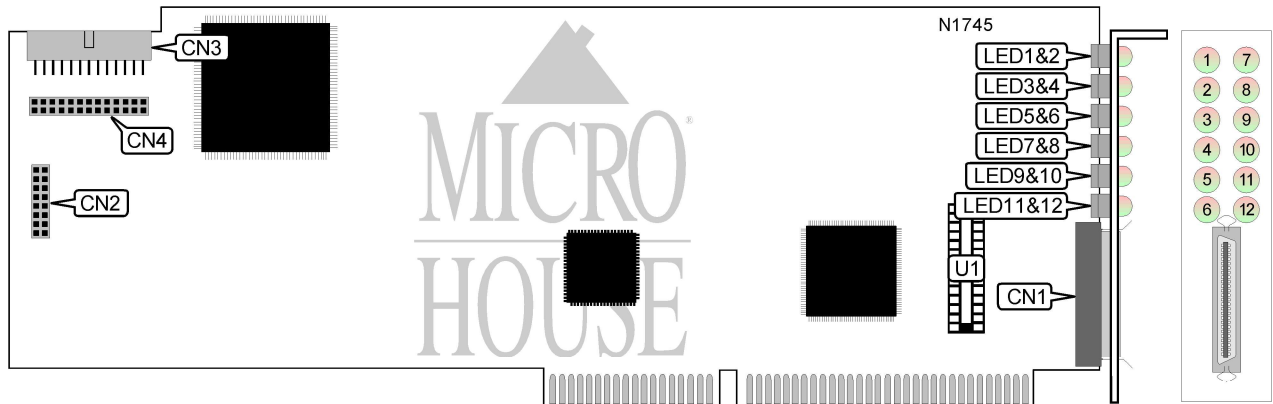


INTEL CORPORATION

ETHEREXPRESS TPE ISA HUB ADAPTER, ETHEREXPRESS TPE EXPANSION HUB

NIC Type	Ethernet
Maximum Onboard Memory	128KB DRAM (Adapter only)
I/O Options	Daisy-chain connector
Data Bus	8/16-bit ISA
Network Transfer Rate	10Mbps x 12
Topology	Linear Bus/Star
Wiring Type	Unshielded twisted pair
	AUI transceiver via 16-pin jumper block
Boot ROM	Not available



CONNECTIONS			
Function	Label	Function	Label
Unshielded twisted pair ports via 50-pin Centronics connector	CN1	Daisy-chain connector	CN4
Header for AUI connector	CN2	Unidentified	U1
Daisy-chain connector	CN3		
Note: Standard RJ-45 unshielded twisted pair connectors are provided on an included cable and external box.			

DIAGNOSTIC LED(S)			
LED	Color	Status	Condition
LED1	Green	On	Network connection on port 1 is good
LED1	Yellow	On	Card is receiving data on port 1
LED1	Red	On	Excessive or long collisions are occurring on port 1
LED1	Green	Blinking	Network connection is good, polarity is reversed on port 1
LED1	Red	Blinking	Collision has occurred on port 1
LED1	N/A	Off	Network connection is broken on port 1 or card has failed
LED2	Green	On	Network connection on port 2 is good
LED2	Yellow	On	Card is receiving data on port 2
LED2	Red	On	Excessive or long collisions are occurring on port 2
LED2	Green	Blinking	Network connection is good, polarity is reversed on port 2
LED2	Red	Blinking	Collision has occurred on port 2
LED2	N/A	Off	Network connection is broken on port 2 or card has failed

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ETHEREXPRESS TPE ISA HUB ADAPTER, ETHEREXPRESS TPE EXPANSION HUB

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DIAGNOSTIC LED(S) (CON'T)			
LED	Color	Status	Condition
LED3	Green	On	Network connection on port 3 is good
LED3	Yellow	On	Card is receiving data on port 3
LED3	Red	On	Excessive or long collisions are occurring on port 3
LED3	Green	Blinking	Network connection is good, polarity is reversed on port 3
LED3	Red	Blinking	Collision has occurred on port 3
LED3	N/A	Off	Network connection is broken on port 3 or card has failed
LED4	Green	On	Network connection on port 4 is good
LED4	Yellow	On	Card is receiving data on port 4
LED4	Red	On	Excessive or long collisions are occurring on port 4
LED4	Green	Blinking	Network connection is good, polarity is reversed on port 4
LED4	Red	Blinking	Collision has occurred on port 4
LED4	N/A	Off	Network connection is broken on port 4 or card has failed
LED5	Green	On	Network connection on port 5 is good
LED5	Yellow	On	Card is receiving data on port 5
LED5	Red	On	Excessive or long collisions are occurring on port 5
LED5	Green	Blinking	Network connection is good, polarity is reversed on port 5
LED5	Red	Blinking	Collision has occurred on port 5
LED5	N/A	Off	Network connection is broken on port 5 or card has failed
LED6	Green	On	Network connection on port 6 is good
LED6	Yellow	On	Card is receiving data on port 6
LED6	Red	On	Excessive or long collisions are occurring on port 6
LED6	Green	Blinking	Network connection is good, polarity is reversed on port 6
LED6	Red	Blinking	Collision has occurred on port 6
LED6	N/A	Off	Network connection is broken on port 6 or card has failed
LED7	Green	On	Network connection on port 7 is good
LED7	Yellow	On	Card is receiving data on port 7
LED7	Red	On	Excessive or long collisions are occurring on port 7
LED7	Green	Blinking	Network connection is good, polarity is reversed on port 7
LED7	Red	Blinking	Collision has occurred on port 7
LED7	N/A	Off	Network connection is broken on port 7 or card has failed
LED8	Green	On	Network connection on port 8 is good
LED8	Yellow	On	Card is receiving data on port 8
LED8	Red	On	Excessive or long collisions are occurring on port 8
LED8	Green	Blinking	Network connection is good, polarity is reversed on port 8
LED8	Red	Blinking	Collision has occurred on port 8
LED8	N/A	Off	Network connection is broken on port 8 or card has failed
LED9	Green	On	Network connection on port 9 is good
LED9	Yellow	On	Card is receiving data on port 9
LED9	Red	On	Excessive or long collisions are occurring on port 9
LED9	Green	Blinking	Network connection is good, polarity is reversed on port 9
LED9	Red	Blinking	Collision has occurred on port 9
LED9	N/A	Off	Network connection is broken on port 9 or card has failed

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ETHEREXPRESS TPE ISA HUB ADAPTER, ETHEREXPRESS TPE EXPANSION HUB

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DIAGNOSTIC LED(S) (CON'T)			
LED	Color	Status	Condition
LED10	Green	On	Network connection on port 10 is good
LED10	Yellow	On	Card is receiving data on port 10
LED10	Red	On	Excessive or long collisions are occurring on port 10
LED10	Green	Blinking	Network connection is good, polarity is reversed on port 10
LED10	Red	Blinking	Collision has occurred on port 10
LED10	N/A	Off	Network connection is broken on port 10 or card has failed
LED11	Green	On	Network connection on port 11 is good
LED11	Yellow	On	Card is receiving data on port 11
LED11	Red	On	Excessive or long collisions are occurring on port 11
LED11	Green	Blinking	Network connection is good, polarity is reversed on port 11
LED11	Red	Blinking	Collision has occurred on port 11
LED11	N/A	Off	Network connection is broken on port 11 or card has failed
LED12	Green	On	Network connection on port 12 is good
LED12	Yellow	On	Card is receiving data on port 12
LED12	Red	On	Excessive or long collisions are occurring on port 12
LED12	Green	Blinking	Network connection is good, polarity is reversed on port 12
LED12	Red	Blinking	Collision has occurred on port 12
LED12	N/A	Off	Network connection is broken on port 12 or card has failed
All LEDs	Red	Blinking	User has requested to identify card

MISCELLANEOUS TECHNICAL NOTE

Unused daisy-chain connectors must be terminated with a provided termination block. There may only be one TPE Adapter Card per system, and it must be placed at one end of the chain. All other cards on the chain must be Expansion Hubs. The Expansion Hub may be identified by the chips installed on the board. The only chip pictured in this diagram that is on the Expansion Hub is the largest of them in the upper-left hand corner.