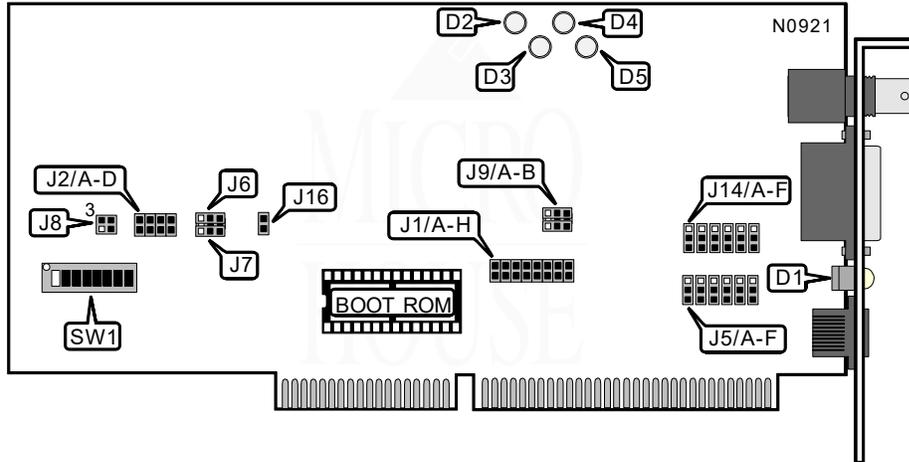


COMPU-SHACK PRODUCTION, GMBH CS-ETHERNET-KARTE COMBO (REV. C.1/C.1 PLUS)

NIC Type: Ethernet
 Transfer Rate: 10Mbps
 Data Bus: 16-bit ISA
 Topology: Linear Bus
 Star
 Wiring Type: AUI transceiver via DB-15 port
 RG58A/U 50ohm coaxial
 Shielded/unshielded twisted pair
 Available
 Boot ROM: Available



| INTERRUPT SELECT - J1 | | | | | | | | | |
|-----------------------|--------|--------|--------|--------|--------|--------|------|--------|--------|
| IRQ | A | B | C | D | E | F | G | H | |
| IRQ3 | Open | Open | Open | Open | Open | Open | Open | Open | Closed |
| IRQ4 | Open | Open | Open | Open | Open | Open | Open | Closed | Open |
| IRQ5 | Open | Open | Open | Open | Open | Closed | Open | Open | Open |
| IRQ7 | Open | Open | Open | Open | Closed | Open | Open | Open | Open |
| IRQ9 | Open | Open | Open | Closed | Open | Open | Open | Open | Open |
| IRQ10 | Open | Open | Closed | Open | Open | Open | Open | Open | Open |
| IRQ11 | Open | Closed | Open | Open | Open | Open | Open | Open | Open |
| IRQ12 | Closed | Open | Open | Open | Open | Open | Open | Open | Open |

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| CARD EMULATION - J2 | | | | |
|---------------------|----------|----------|----------|----------|
| Setting | Jumper A | Jumper B | Jumper C | Jumper D |
| NE1000 mode | Open | Closed | Open | Open |
| NE2000 mode | Closed | Open | Open | Open |
| CS 16KB mode | Open | Open | Closed | Open |
| CS 64KB mode | Open | Open | Open | Closed |

| WIRING TYPE SELECT - J5 | | | | | | |
|-------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Setting | Jumper A | jumper B | Jumper C | Jumper D | Jumper E | Jumper F |
| BNC | 1 & 2 closed |
| AUI | 2 & 3 closed |

| BOOT ROM INSTALLATION | | | |
|------------------------------|-------------------|-------------------|--|
| Setting | J6 | J7 | |
| Install in IBM PC compatible | Pins 1 & 3 closed | Pins 1 & 3 closed | |
| Install in IBM AT compatible | Pins 1 & 2 closed | Pins 1 & 2 closed | |

| SOFTWARE COMPATIBILITY/BUS SELECT | |
|---|-------------------|
| Setting | J8 |
| NE1000 or NE2000/8-bit PC or XT slot | All pins open |
| NE2000/8-bit PC or 16-bit AT slot or CS-format/16-bit AT slot | Pins 1 & 3 closed |
| NE2000/16-bit AT slot | Pins 3 & 4 closed |

| BNC TYPE | | |
|---------------------|-------------------|-------------------|
| Setting | J9/jumper A | J9/jumper B |
| RG58A 50ohm coaxial | Pins 1 & 3 closed | Pins 1 & 3 closed |
| RG62A 93ohm coaxial | Pins 1 & 2 closed | Pins 1 & 2 closed |

| WIRING TYPE SELECT - J14 | | | | | | |
|--------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Setting | Jumper A | jumper B | Jumper C | Jumper D | Jumper E | Jumper F |
| BNC | 1 & 2 closed |
| UTP | 2 & 3 closed |

Note: J14 should be set to the BNC setting if J5 is also.

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| PAL MODES | |
|---|--------|
| Setting | J16 |
| PAL P12EATW3/P12EA1 33 compatible | Open |
| PAL P12EATW/P12EA1 3 compatible | Closed |
| Note: This jumper applies to the CS-Ethernet COMBO Rev. B.4 only. | |

| I/O ADDRESS | | | | |
|-------------|-------|-------|-------|-------|
| Address | SW1/1 | SW1/2 | SW1/3 | SW1/4 |
| 300h | Off | On | On | On |
| 200h | On | On | On | On |
| 220h | On | On | On | Off |
| 240h | On | On | Off | On |
| 260h | On | On | Off | Off |
| 280h | On | Off | On | On |
| 2A0h | On | Off | On | Off |
| 2C0h | On | Off | Off | On |
| 2E0h | On | Off | Off | Off |
| 320h | Off | On | On | Off |
| 340h | Off | On | Off | On |
| 360h | Off | On | Off | Off |
| 380h | Off | Off | On | On |
| 3A0h | Off | Off | On | Off |
| 3C0h | Off | Off | Off | On |
| 3E0h | Off | Off | Off | Off |

| BOOT ROM ADDRESS | | | | |
|------------------|-------|-------|-------|-------|
| Address | SW1/5 | SW1/6 | SW1/7 | SW1/8 |
| Disabled | N/A | N/A | N/A | Off |
| C000h | On | On | On | On |
| C400h | On | On | Off | On |
| C800h | On | Off | On | On |
| CC00h | On | Off | Off | On |
| D000h | Off | On | On | On |
| D400h | Off | On | Off | On |
| D800h | Off | Off | On | On |
| DC00h | Off | Off | Off | On |

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| DIAGNOSTIC LEDS | | |
|-----------------|--------|---|
| LED | Status | Condition |
| D1 | On | Twisted pair network connection is good |
| D2 | On | Twisted pair network connection is broken |
| D3 | On | Collision detected on network |
| D4 | On | Data is being transmitted (UTP connection only) |
| D5 | On | Data is being received (UTP connection only) |