# CNET TECHNOLOGY, INC.
# CN160ST REV.2.31/CN160BT REV.2.31

| | |
|---|---|
| NIC Type | Arcnet |
| Network Transfer Rate | 2.5Mbps |
| Data Bus | 16-bit ISA |
| Topology | Linear Bus/Star |
| Wiring Type | Unshielded twisted pair |
| | RG-58A/U 50ohm coaxial |
| Boot ROM | Available |



| CONNECTIONS | | | |
|---|---|---|---|
| Function | Label | Function | Label |
| Unshielded twisted pair port | CN1 | RG-58A/U 50ohm coaxial port | CN3 |
| Unshielded twisted pair port | CN2 | | |

| USER CONFIGURABLE SETTINGS | | |
|---|---|---|
| Function | Label | Position |
| Boot ROM enabled | JP11 | Pins 1 & 2 closed |
| Boot ROM disabled | JP11 | Pins 2 & 3 closed |
| Internal terminator enabled | JP13 | Pins 1 & 2 closed |
| Internal terminator disabled | JP13 | Pins 2 & 3 closed |

| BASE I/O ADDRESS SELECTION | | | |
|---|---|---|---|
| Address | SW1/1 | SW1/2 | SW1/3 |
| 260-26Fh | On | On | On |
| 290-29Fh | Off | On | On |
| í  2E0-2Efh | On | Off | On |
| 2F0-2FFh | Off | Off | On |
| 300-30Fh | On | On | Off |
| 350-35Fh | Off | On | Off |
| 380-38Fh | On | Off | Off |
| 3E0-3Efh | Off | Off | Off |
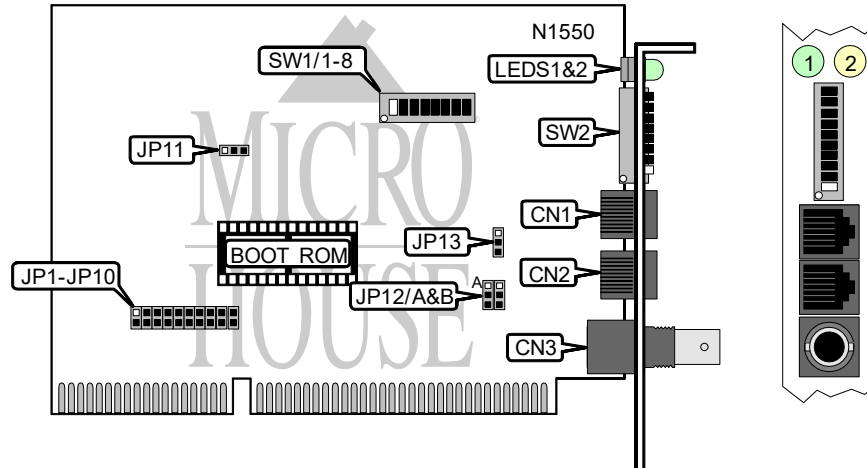
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## INTERRUPT SELECTION

| IRQ | JP1 | JP2 | JP3 | JP4 | JP5 | JP6 | JP7 | JP8 | JP9 | JP10 |
|---|---|---|---|---|---|---|---|---|---|---|
| í2 | Closed | Open | Open | Open | Open | Open | Open | Open | Open | Open |
| 3 | Open | Closed | Open | Open | Open | Open | Open | Open | Open | Open |
| 4 | Open | Open | Closed | Open | Open | Open | Open | Open | Open | Open |
| 5 | Open | Open | Open | Closed | Open | Open | Open | Open | Open | Open |
| 7 | Open | Open | Open | Open | Closed | Open | Open | Open | Open | Open |
| 10 | Open | Open | Open | Open | Open | Closed | Open | Open | Open | Open |
| 11 | Open | Open | Open | Open | Open | Open | Closed | Open | Open | Open |
| 12 | Open | Open | Open | Open | Open | Open | Open | Closed | Open | Open |
| 14 | Open | Open | Open | Open | Open | Open | Open | Open | Open | Closed |
| 15 | Open | Open | Open | Open | Open | Open | Open | Open | Closed | Open |

## CABLE TYPE SELECTION

| Type | JP12/A | JP12/B |
|---|---|---|
| RG-58A/U 50ohm coaxial | Pins 2 & 3 closed | Pins 2 & 3 closed |
| Unshielded twisted pair | Pins 1 & 2 closed | Pins 1 & 2 closed |

## ROM ADDRESS SELECTION

| Address | SW1/4 | SW1/5 | SW1/6 | SW1/7 | SW1/8 |
|---|---|---|---|---|---|
| C0000h-C07FFh | On | On | On | On | On |
| C4000h-C47FFh | On | On | Off | On | On |
| CC000h-CC7FFh | On | On | On | Off | On |
| í D0000h-D07FFh | On | On | Off | Off | On |
| D4000h-D47FFh | On | On | On | On | Off |
| C8000h-C87FFh | On | On | Off | On | Off |
| DC000h-DC7FFh | On | On | On | Off | Off |
| E0000h-E07FFh | On | On | Off | Off | Off |

## DIAGNOSTIC LED(S)

| LED | Color | Status | Condition |
|---|---|---|---|
| LED1 | Green | On | Network connection is good |
| LED1 | Green | Off | Network connection is broken |
| LED2 | Yellow | On | Data is being transmitted |
| LED2 | Yellow | Off | Data is not being transmitted |

## MISCELLANEOUS TECHNICAL NOTES

Note:  The purpose of SW2 is to set the station address.  SW8 stands for the least significant bit and SW1 stands for the most significant bit.  Never use the on position for any network station ID.