

ControlNet ISA Card



The SST ControlNet ISA card connects your ISA bus computer to ControlNet.

Specifications:

- 16-bit, half-length ISA interface card
- Intel i960 32-bit RISC 30 Mhz processor
- 1 Mbyte local 32-bit RAM
- 512 Kbytes of shared 16-bit RAM
- 512 Kbytes of 16-bit Flash memory
- Standard ControlNet LEDs for each channel
- LAN Controller (no ControlNet ASICs used) is implemented in a field programmable gate array (FPGA)
- FPGA executes all protocol activity, including scanning I/O, without intervention from i960 processor
- FPGA is software field upgradeable
- Network Interface
 - 2 BNC connectors
 - ControlNet redundancy implemented in hardware on interface card
 - Isolated Network Access Port (NAP)
- 5136-SD DH+ Emulation
 - Supports standard PCCC messaging
 - Applications using interrupts may require minor changes
- ControlNet Conformance Tested
- Power requirements: 650 mA @ 5 V
- Operational temperature: 0 to 50C (32 to 122°F)
- Storage temperature: -25 to 70C (-13 to 158°F)

Part Number: 5136-CN-ISA

ControlNet PCI Card



The SST ControlNet PCI card connects your PCI bus computer to ControlNet.

Specifications:

- 32-bit, half-length interface card, surface-mount technology PCI interface card
- PCI specification 2.1 compliant
- Intel i960 32-bit RISC 33 Mhz processor
- 1 Mbyte local 32-bit RAM
- 1 Mbyte of shared 32-bit RAM
- 1 Mbyte of Flash memory
- Standard ControlNet LEDs for each channel
- LAN Controller (no ControlNet ASICs used) is implemented in a field programmable gate array (FPGA)
- FPGA executes all protocol activity, including scanning I/O without intervention from i960 processor
- FPGA is software field upgradeable
- Network Interface
 - 2 BNC connectors
 - ControlNet redundancy implemented in hardware on interface card
 - Isolated Network Access Port (NAP)
- 5136-SD DH+ Emulation
 - Supports standard PCCC messaging on ControlNet
 - Applications using interrupts may require minor changes
- ControlNet Conformance Tested
- Power requirements: 750 mA @ 5 V
- Operational temperature: 0 to 50C (32 to 122°F)
- Storage temperature: -25 to 70C (-13 to 158°F)

Part Number: 5136-CN-PCI