

CANpro/104 Opto

Controller Area Network

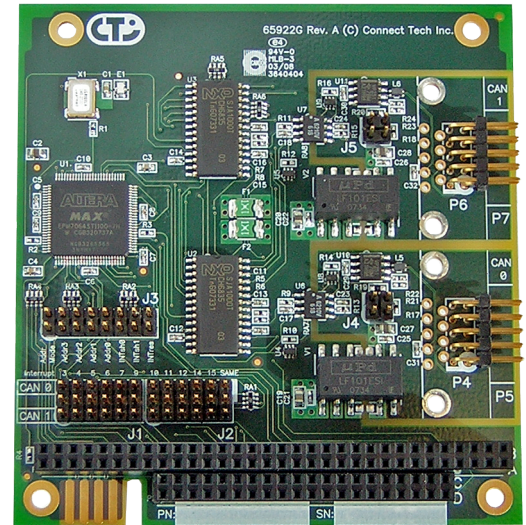
CANpro/104 Opto

Features

- PC/104 compliant, two port CAN controller card featuring two independent SJA1000 controllers
- 16MHz CAN clock
- 500V optical and power isolation for each CAN port from the host system
- Jumper configurable:
 - address range and base address
 - interrupt selection and interrupt sharing
 - output slew rate limiting for lower radiated emissions
 - CAN bus termination
- High input impedance transceivers support over 110 nodes on the bus
- Decoded address range is configurable for BasicCAN or PeliCAN modes to prevent wasted address space
- Operating temperature range of -40°C to 85°C
- RoHS compliant

Specifications

Number of Ports	2 ports
CAN Controllers	Two CAN 2.0B compliant SJA1000 controllers
I/O Connectors	standard: 10-pin, right angled header (+5V power output) optional: DB-9
I/O Connector Power Output	500mA per port (125mA on isolated models)
CAN Controller Clock	16MHz
Optical/Power Isolation	500V for each CAN port from the host system
Decoded Address Range	Configurable for BasicCAN or PeliCAN modes BasicCAN: allows up to 16 CANpro/104 Opto cards in a stack PeliCAN: allows up to 4 CANpro/104 Opto cards in a stack
Dimensions	Fully PC/104 compliant
Environmental	Operating Temperature: -40° C to 85° C (-40° F to 185° F) Storage Temperature: -40° C to 125° C (-40° F to 257° F) Humidity: 95% non-condensing
Bus	PC/104
Software Compatibility	Windows 2000/XP/CE/XPe/Vista, QNX 4/6, Linux
CAN Transceivers	Support 1.0 Mbps operation and more than 110 nodes on the bus
System Requirements	+5V DC 500mA (max.) Power on CAN connectors may draw up to an additional 1A



Connect Tech's CANpro/104 Opto combines the power of two NXP SJA1000 CAN controllers with the compact size and rugged stability of PC/104.

CANpro/104 Opto cards feature fail-safe power-up/power-down and on-board high input impedance transceivers to maximize nodes on the bus. Jumperable slew rate limiting reduces radiated emissions. 500V of optical and power isolation ensure your data is protected from disruptions that can occur with exposure to harsh conditions or environments.

Dependability, high data rates and network control capabilities make CANpro/104 Opto cards ideal for industrial control applications.

Lifetime warranty and free technical support is also included.



Connect Tech Inc.
Industrial Strength Communications

42 Arrow Road
Guelph, ON, Canada
N1K 1S6
www.connecttech.com

Phone: 1-519-836-1291
Toll free (in North America): 1-800-426-8979
Fax: 1-519-836-4878
Email: sales@connecttech.com