PRV-0509

DATASHEET

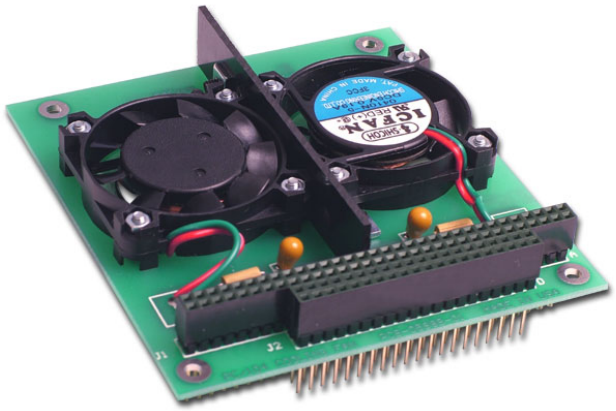
Dual Ball-Bearing Fans on PC/104 Form Factor

FEATURES

Fans:
- Two Ball-Bearing Fans (with Noise Suppression Circuitry); Adjustable Air Flow Direction

Protection:
- Overcurrent Protection

Bi-Directional Airflow:
- Septum Enables Bi-Directional Airflow



DESCRIPTION

The PC/104 Fan Card from Parvus Corporation is designed to help cool embedded PC/104 systems and remove dangerous hot spots, even in completely enclosed applications. In most cases, it is placed between a CPU and power supply - where thermal management is most needed. With dual fans aimed in opposite directions and a septum in between, this PC/104-compatible module pushes up to 12 cubic feet per minute with airflow moving in a circular pattern around adjacent PC/104 boards. If desired, each of the fans can be reversed (flipped over) to create a push-push or pull-pull movement of air.

The board is built with high quality ball-bearing fans with noise suppression circuitry on the fan power lines. In an enclosed Parvus PC/104 chassis system, this thermal management board will provide cooling for up to four adjoining boards (two on top and bottom), whereas in open air systems, the fan board will cool two PC/104 boards (one on top and bottom).

Note: The PRV-1059 PC/104 Fan Card is compatible for integration with the Cisco 3200 Series Mobile Access Router. For more info, contact Parvus at 801-483-1533 or sales@parvus.com.

SPECIFICATIONS

Dimensions:	3.550" x 3.775" (PC/104)
Storage Temperature:	-40° to +70° C
Operating Temperature:	-5° to +60° C
Power Consumption:	1.72 Watts (+5 VDC @ 300 mA)
Power Input::	5VDC +/- 5%
Fuses:	0.5 amp, 125 v, Picofuse
PCB Septum Dimensions:	3.2" L x 0.6" H x 0.6" T
Bus:	16-bit PC/104 (ISA) Bus
Fan Specs:	Type: Ball-Bearing, Brushless; Rating: 12 CFM Fans; Fan Noise (at 1 Meter): 25 dB; Fan Speed: 6000 RPM; Life Expectancy: 50,000 hours
RoHS	RoHS (2002/95/CE) Compliant Replacement for PRV-0509-01

Parvus
a Curtiss-Wright Company

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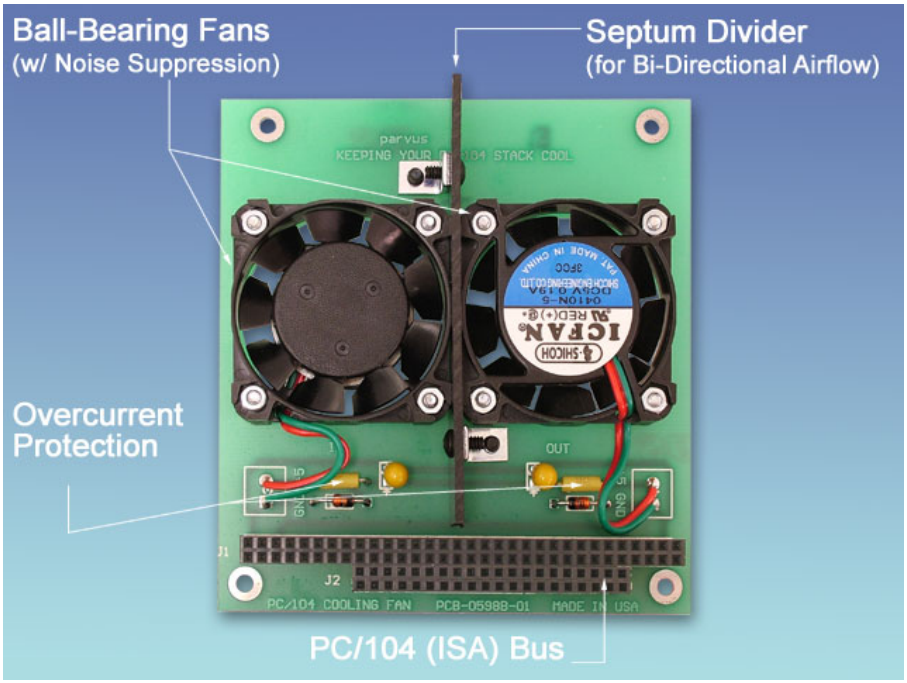

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
PRV-0509-14	PC/104 Fan Card I

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