

Specifications

PCI interface board

OPFT-SCPCI

Specification No.382OPFT-SCPCI 1/3

1. General

This board is an interface board in accordance with the Peripheral Components Interconnect bus to do taking of the data of MINEBEA's six axial force sensors. The user can freely do taking the sensor data and the processing, etc. by making the application that builds in attachment API.

2. Specifications

2-1. Performance

- Number of Connectable sensors 4 sensors connectable per one PCI board
- Number of mounting board 2 pieces of OPFT-SCPCI board at the same time
- Speed of data retrieved 10 000 times/s to be retrieved

2-2. Electrical performance

- Operating condition
 - OS Microsoft Windows 2000 Professional SP3 or more
 - Memory 256 MB or more
 - CPU Pentium III 800 MHz or more (single CPU)

2-3. Variety of attached API

- Open function Set the driver that can be used.
- Data transmission function Use to send the data
- Data receiving function Use to receive the data.
- Close function Use to stop the driver.

3. General specifications

• Basic specifications

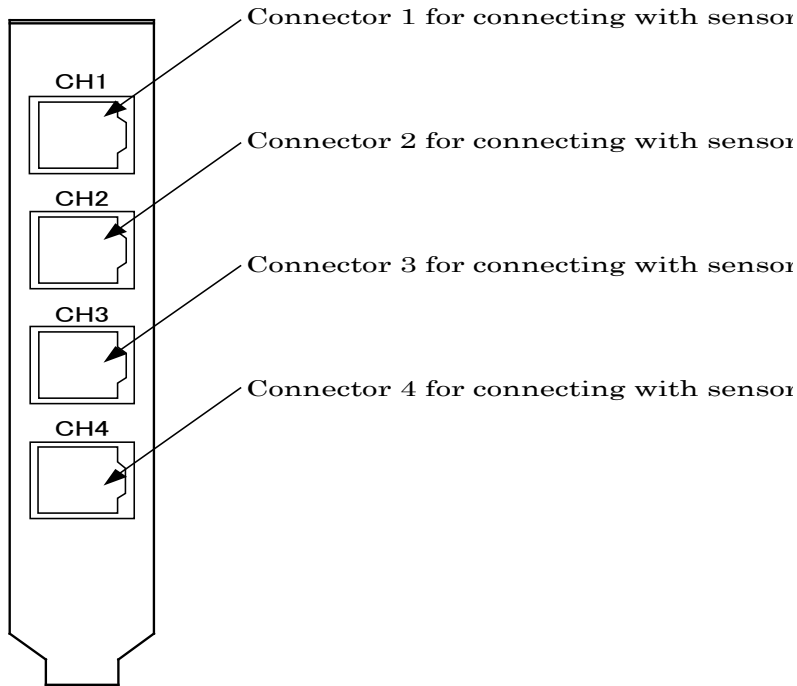
No. of connectable sensors (No. of channels)	4 pieces
Cable length	CAT5 cable, 30 m at the maximum
Operating temperature range	
Temperature	0 °C to 50 °C
Humidity	20 % to 90 % (Non condensing)
Specification of PCI bus	32 bit/33 MHz, 5 V(1.5 A)
Outline dimensions	106.68(H)×174.63(L) mm (Excludes protruding parts)
Weight	Approx. 133 g

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- Board panel side



4. Accessories

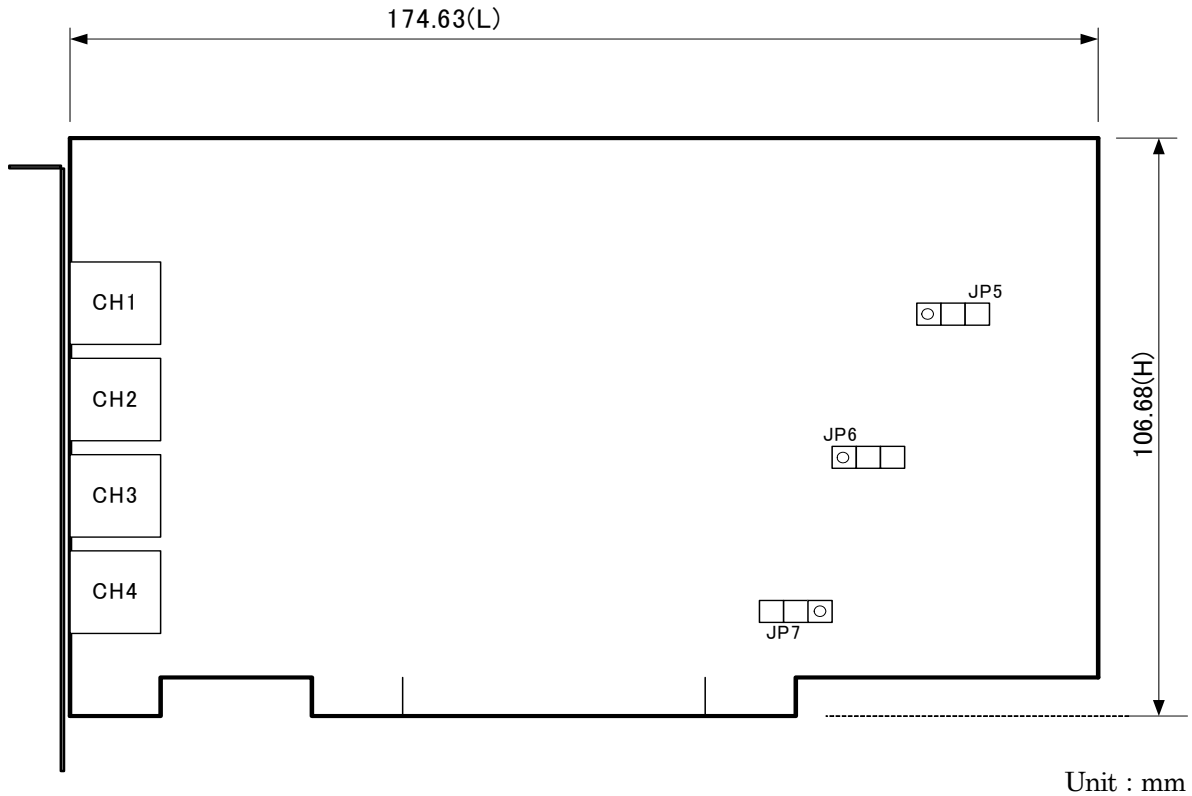
- Driver floppy disk 1 piece
 (for application development with API)
- Instruction manual 1 piece

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5. Outline dimensions



※Specifications and outline dimensions and so on which have printed may subject to change for the purpose of improvement.