## **MIC-3645**

## 6U CompactPCI® Ultra3 SCSI Interface Board



## Features

- Dual SCSI channels
- 64-bit/32-bit, 33 MHz PCI bus
- · Supports up to 16 LVD/SE devices on a wide SCSI bus
- LED indicators for easy monitoring of power and SCSI status

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The MIC-3645 is a 6U-high CompactPCI Ultra3 SCSI interface board. It features the Symbios SYM53C1010-33, PCI to dual channel Ultra3 SCSI multifunction controller to provide an Ultra3 wide SCSI interface. The SYM53C1010 supports a 64 or 32-bit, 33 MHz PCI bus and performs 16-bit, Ultra3 SCSI synchronous data transfers as fast as 160 Mbytes on each SCSI channel providing a total bandwidth of 320 Mbytes. The MIC-3645 can support cables up to 12 meters long, and

up to 16 LVD or SE devices on a wide SCSI bus. On the front panel of the MIC-3645, there are three LED indicators to monitor the two Ultra3 SCSI channels as well as the power status. The rear transition board, provides two external connectors and two internal connectors for easy system configuration. Users can choose the more convenient connection to set up their system.

**On-board Header** 

SCSI x2

Descriptions

6U CompactPCI Ultra3 SCSI Interface board with MIC-3646 (RIO)

## **Specifications**

Interface Ultra3   Controller Symbios SYM53C1010-33   Max. Data Transfer Rate 160 MB/sec.   Channel 2   Operating System Compatibility   Power Power Consumption   + 3.3 V @ 2.0 A   Operating Non-Operating   Image: Temperature 0 ~ 50 °C (32 ~ 122 °F)   -40 ~ 60 °C (-40 ~ 140 °F)	
SCSI   Max. Data Transfer Rate   160 MB/sec.     Channel   2     Operating System   Compatibility   Windows 98/2000/NT 4.0/XP, OS/2, SCO UNIX, UnixWare, Netware     Power   Power Consumption   + 3.3 V @ 2.0 A     Operating   Operating   Non-Operating     Fewirronment   Temperature   0 ~ 50 °C (32 ~ 122 °F)   -40 ~ 60 °C (-40 ~ 140 °F)	
Max. Data Transfer Rate 160 MB/sec.   Channel 2   Operating System Compatibility Windows 98/2000/NT 4.0/XP, OS/2, SCO UNIX, UnixWare, Netware   Power Power Consumption + 3.3 V @ 2.0 A   Operating Non-Operating   Temperature 0 ~ 50 °C (32 ~ 122 °F) -40 ~ 60 °C (-40 ~ 140 °F)	Storage
Operating System     Compatibility     Windows 98/2000/NT 4.0/XP, OS/2, SCO UNIX, UnixWare, Netware       Power     Power Consumption     + 3.3 V @ 2.0 A     Operating     Non-Operating       Environment     Temperature     0 ~ 50 °C (32 ~ 122 °F)     -40 ~ 60 °C (-40 ~ 140 °F)	Subsystems
Power     Power Consumption     + 3.3 V @ 2.0 A       Operating     Non-Operating       Temperature     0 ~ 50 °C (32 ~ 122 °F)       -40 ~ 60 °C (-40 ~ 140 °F)	
OperatingNon-OperatingTemperature0 ~ 50 °C (32 ~ 122 °F)-40 ~ 60 °C (-40 ~ 140 °F)	Industrial
Environment Temperature 0 ~ 50 °C (32 ~ 122 °F) -40 ~ 60 °C (-40 ~ 140 °F)	Computer
Environment	Chassis
Humidity 95 % @ 60 °C, non-condensing	
Vibration (5-500 Hz) 1.0 Grms 2.0 G	Full-sized
Dimensions (W x D) 233.35 x 160 mm (9.2" x 6.3"), 1-slot width	CPU Cards
Physical Weight 0.7 Kg (1.54 lb)	
Compliance Standard PICMG® 2.0, R3.0 CompactPCI Specification	

Rear Transition Board

MIC-3646

Part Number

MIC-3645-A

**Ordering Information** 

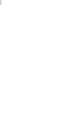


MIC-3646 Rear Transition Board

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**For More Information** 

www.advantech.com/nc



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**Rear Panel** 

SCSI x2

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