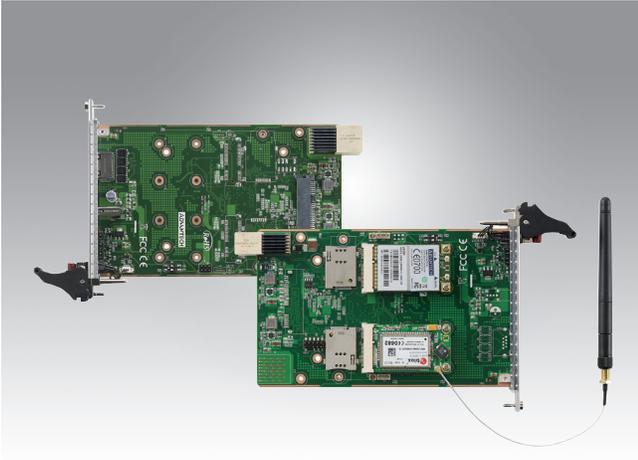


# MIC-3954

## 3U CompactPCI® Serial Peripheral Board with PCIe® Mini Card or Storage Function



### Features

- For card 1 with internal PCIe and USB interface
- For card 2 with SATA interface
- PICMG CPCI-S.0 CompactPCI® Serial

**CompactPCI® Serial**



### Introduction

The MIC-3954 is a rugged single Eurocard CompactPCI® Serial carrier board with two function options; Option 1: Supports the PCI Express® Mini Card, which offers two standard PCI Express® Mini Card slots, with dual on-board SIM slots for 3G module. It allows to use all types of cards for HF applications, for example GPS, WLAN, UMTS, GSM, or HSDPA which is connected to two external SMA antenna connectors; Option 2: Supports the hard disk drive carrier board and one USB connector on front panel. It is designed to carry a 2.5" SATA hard disk drive or a solid state drive.

### Specifications

	MIC-3954 PCIe Mini Card Carrier Board	MIC-3954 Storage Carrier Board	
Interface	PCIex1 and USB2.0	SATA2.0 and USB2.0	
Power	+12 V, power consumption depending on plugged card, 0.1A max. w/o card	+12 V, power consumption depending on plugged HDD/SSD	
Environment	Operating	Non-Operating	
	Temperature	0 ~ 60° C (32 ~ 140° F)	-40 ~ 85° C (-40 ~ 185° F)
	Humidity	95% @ 40° C, non-condensing	95% @ 60° C, non-condensing
Physical Characteristics	Vibration (5-500 Hz)	2.0 Grms (With SSD)	-
	Dimensions	160.00 x 100.00 mm (6.30" x 3.95")	
	Weight	0.5 kg	
Compliance	PICMG CPCI-S.0 CompactPCI® Serial peripheral card		

### Recommended Configurations

Carrier Board	CPU Board	Enclosure
MIC-3954-AE MIC-3954-BE	MIC-3328 series	MIC-3022PAE MIC-3022PCE

### Ordering Information

Part Number	Description
MIC-3954-AE	3U CompactPCI® Serial PCIe® Mini Card Carrier Board for Wireless Functions
MIC-3954-BE	3U CompactPCI® Serial SATA HDD/SSD Carrier board

Note: Please contact Advantech sales representative for recommended wireless modules.