HPE-5S1

5-Slot Backplane with 4 PCI Slots

Quick Installation Guide

Version 5.20   November, 2024

Features

- Support half-size SBCs
- Four PCI slots

Packing List

- 1 x HPE-5S1 backplane
- 1 x QIG (Quick Installation Guide)

Jumpers & Connectors

ATXPWR1: ATX power connector			
Pin	Description	Pin	Description
1	+3.3Vdc	11	+3.3Vdc
2	+3.3Vdc	12	-12Vdc
3	GND	13	GND
4	+5Vdc	14	PS-ON#
5	GND	15	GND
6	+5Vdc	16	GND
7	GND	17	GND
8	PWRGD	18	NC
9	+5VSB	19	+5Vdc
10	+12Vdc	20	+5Vdc

FAN1: Fan connector	
Pin	Description
1	GND
2	+12V
3	NC

ATXCTL1: Backplane to mainboard ATX power control connector	
Pin	Description
1	GND
2	PS_ON#
3	5VSB

J1: PCI routing select	
Pin	Description
1-3 & 2-4	PCISIG
3-5 & 4-6 (Default)	PICMG

PCI routing table:

Signal	REQ#	GNT#	IDSEL	INTA#	INTB#	INTC#	INTD#
Pin No.	B18	A17	A26	A6	B7	A7	B8
PCI1	0	0	AD31	B	C	D	A
PCI2	1	1	AD30	C	D	A	B
PCI3	2	2	AD29	D	A	B	C
PCI4	3	3	AD28	A	B	C	D

Get more information:

Dimensions (Unit: mm)
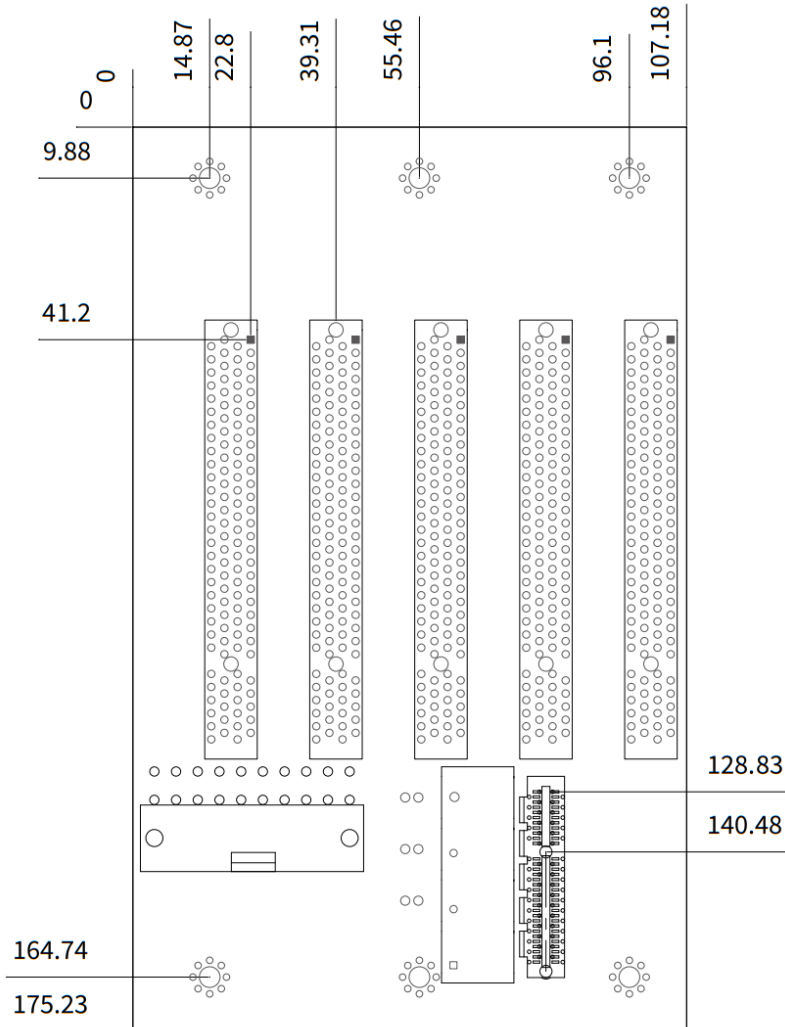
Safety Instructions

Warning! Read the user manual before connecting the system to the power source.

Warning! To prevent the system from overheating, do not operate it in an area that exceeds the maximum operating temperature described in the user manual.

Warning! Ultimate disposal of this product should be handled according to all national laws and regulations.

Support

IEI Support URL
http://new.ieiworld.com/tw/online_support_form

Compliance

This equipment has been tested and found to comply with specifications for CE marking. If the user modifies and/or installs other devices in the equipment, the CE conformity declaration may no longer apply.

This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

According to the requirement of the WEEE legislation the following user information is provided to customers for all branded IEI Electronics products subject to the WEEE directive.

This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop o- your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.