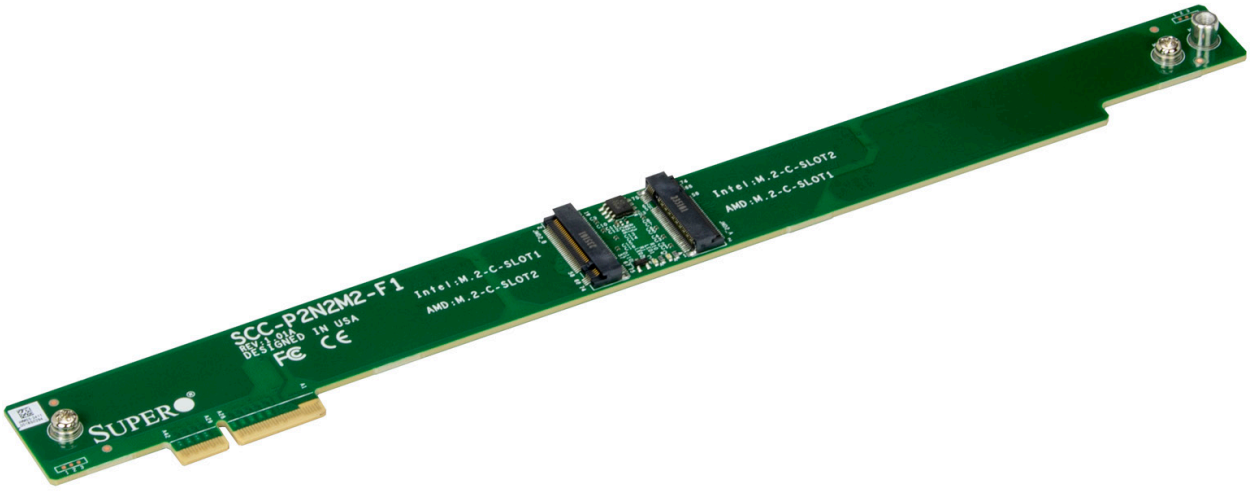
SCC-P2N2M2-F1



USER'S MANUAL

Revision 1.0

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Manual Revision 1.0

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Preface

About this Manual

This manual is written for professional system integrators and PC technicians. It provides information on the installation and use of the accessory. Installation and maintenance should be performed by certified service technicians only.

Please refer to the SCC-P2N2M2-F1 specifications page on our website for updates on supported memory, processors, and operating systems (http://www.supermicro.com).

Notes

For your system to work properly, please follow the links below to download all necessary drivers/utilities and the user's manual for your server.

- Supermicro product manuals: http://www.supermicro.com/support/manuals/
- Product safety info: http://www.supermicro.com/about/policies/safety_information.cfm

If you have any questions, please contact our support team at:
support@supermicro.com

This manual may be periodically updated without notice. Please check the Supermicro website for possible updates to the manual revision level.

Secure Data Deletion

A secure data deletion tool designed to fully erase all data from storage devices can be found on our website: https://www.supermicro.com/about/policies/disclaimer.cfm?url=/wdl/utility/Log9_Secure_Data_Deletion_Utility/

Warnings

Special attention should be given to the following symbols used in this manual.

Warning! Indicates important information given to prevent equipment/property damage or personal injury.

Warning! Indicates high voltage may be encountered when performing a procedure.

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Block Diagram

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Introduction

1.1 Overview

Congratulations on purchasing your expansion card from an acknowledged leader in the industry. Supermicro products are designed with the utmost attention to detail to provide you with the highest standards in quality and performance. For product support and updates, please refer to our website at www.supermicro.com.

1.2 Technical Specifications

For proper system configuration and setup, refer to the product page at www.supermicro.com for any limitations associated with your motherboard. Supermicro tech support at www.supermicro.com for assistance with any hardware limitations associated with your motherboard.

General

Supports two M.2 M-key connectors of 110 mm length

Each NVMe M.2 SSD links to a full 2x PCIe Gen 5

Supports activity/fail/rebuild LED onboard for each M.2 SSD

OS Support

The following operating systems are supported:

- Windows
- Linux
- VMware

Physical Dimensions

Card PCB dimensions: 1.24" x 18.05" (H x L)

Hardware Components

2.1 Layout

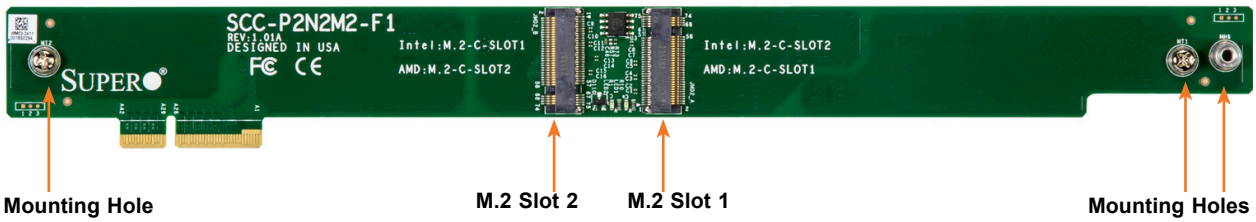


Figure 1. Top View

Compononts	
	Description
M.2 Slot 1	Slot accepts 22110 M.2 SSD
M.2 Slot 2	Slot accepts 22110 M.2 SSD
Mounting Holes	Standoffs for M.2 SSDs

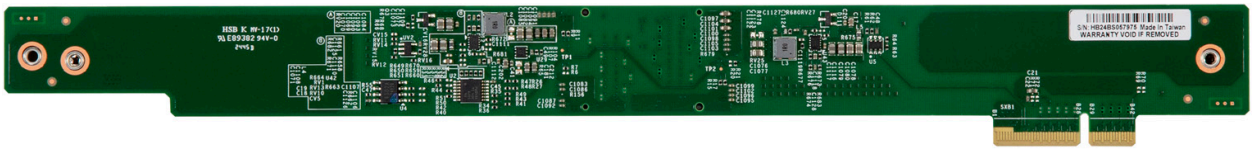
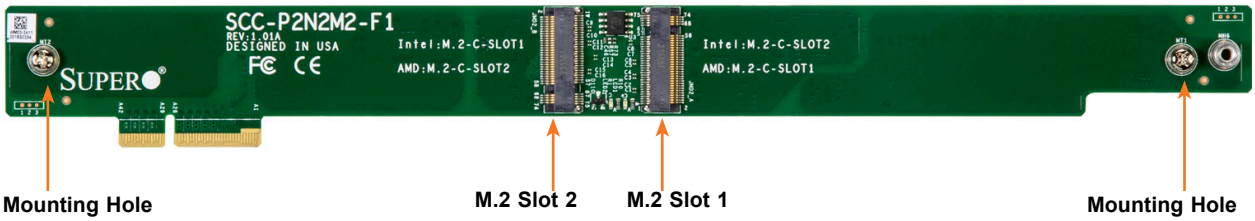


Figure 2. Rear View

M.2 Installation

3.1 Installation Procedure

Use industry-standard anti-static equipment.



1. Remove the screw from the metal standoff.
2. Insert the SSD at a slight angle into the slot on the carrier card.

This drawing is for illustrative purposes. Your card looks different, but the procedure is the same.

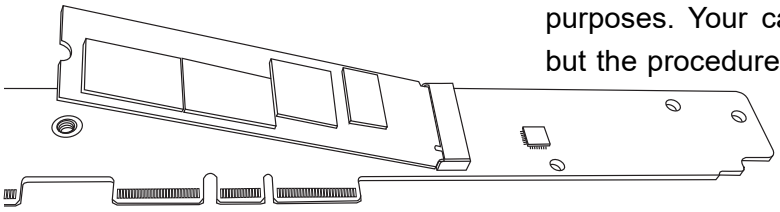


Figure 3. Inserting SSD

3. Flatten the SSD onto the metal standoff and secure it with the screw.

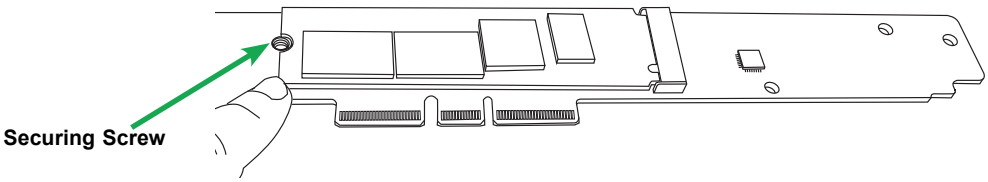


Figure 4. Seat the SSD and Secure with Screw

4. Insert the carrier card into the slot on the motherboard.

Block Diagram

- Optional in system BOM
- Supports two 22x110 NVMe Gen5 double-sided M.2 drives
- Block diagam WIP

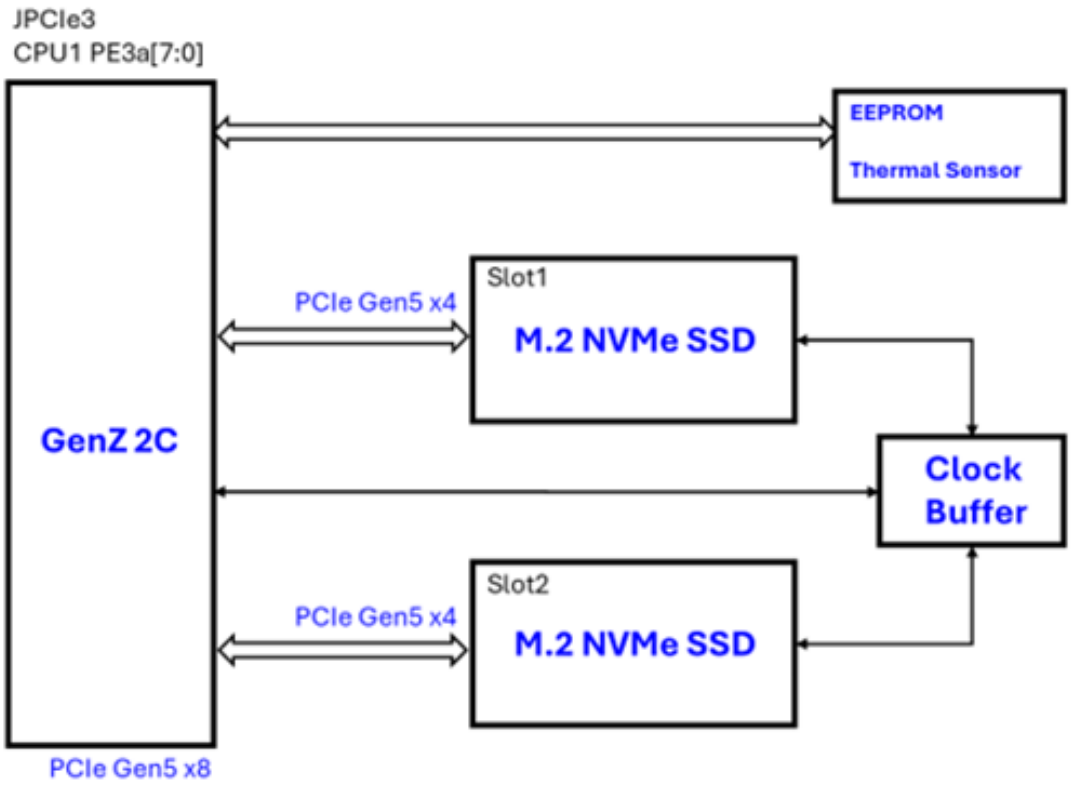


Figure 5. Block Diagram