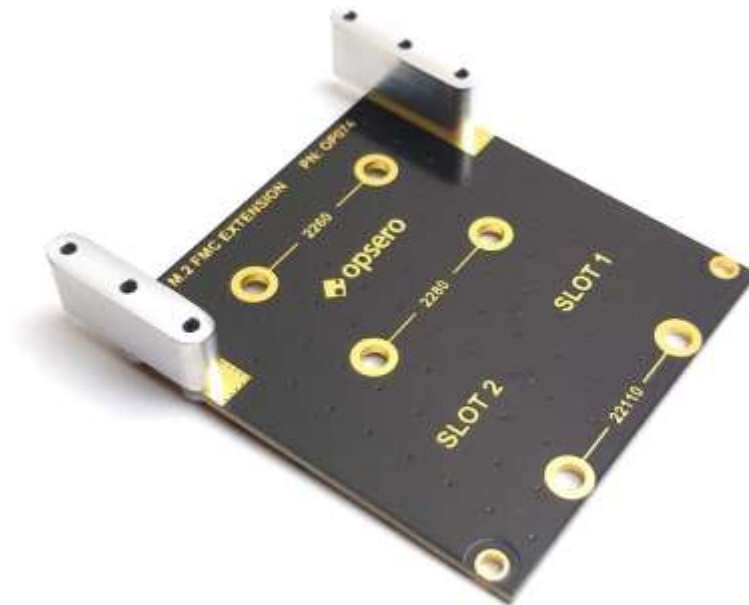

M.2 FMC Extension

Overview

Description

The M.2 FMC Extension is an accessory for the M.2 M-key Stack FMC (PN: OP073). The extension enables support of the longer M.2 modules: 2260 (60mm), 2280 (80mm) and 22110 (110mm).



M.2 FMC Extension

The M.2 FMC Extension comes with two aluminum brackets and the necessary machine screws for attachment to the M.2 M-key Stack FMC.

Application Example

The image below shows the M.2 M-key Stack FMC with M.2 FMC Extension and 2x M.2 modules.



Ordering

The M.2 FMC Extension can be purchased from the vendors listed below. The links under the part number column will take you to the corresponding order page.

Vendor	Part name	Part number
Opsero	M.2 FMC Extension	OP074
Digi-Key	M.2 FMC Extension	OP074

Included with the M.2 FMC Extension are:

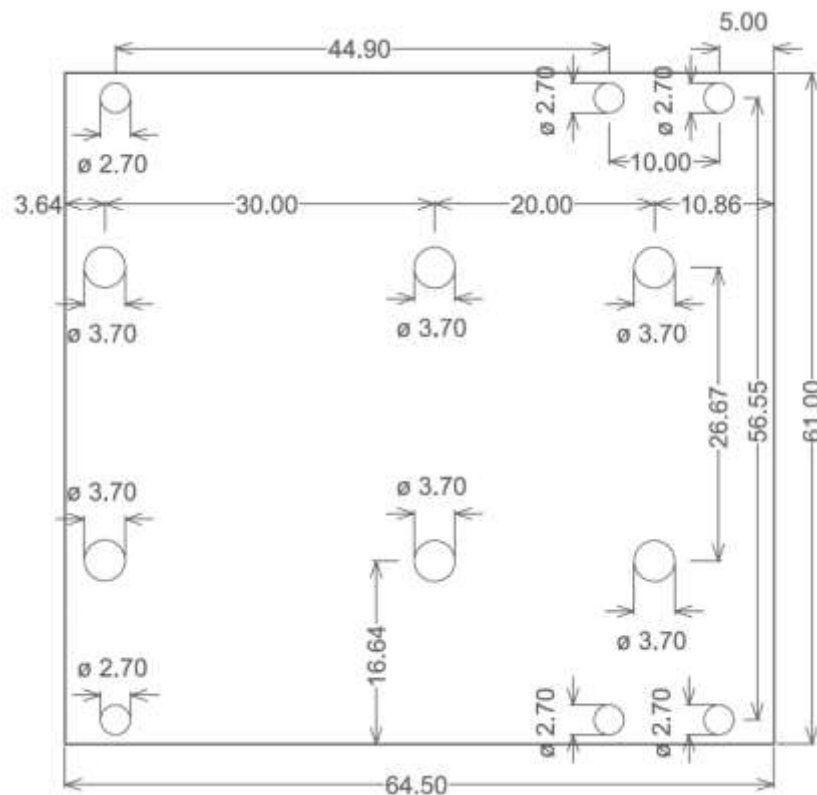
- 2x machine screws for fixing the extension to the M.2 M-key Stack FMC
- 4x machine screws and 2x brackets (preassembled)

Note that the M.2 FMC Extension does NOT come with M.2 modules.

Mechanical Information

Dimensions

The mechanical dimensions of the M.2 FMC Extension are illustrated in the figure below. All dimensions are in millimeters (mm).



Fastening hardware

For attaching the extension to the M.2 M-key Stack FMC, it comes preassembled with two brackets and four machine screws. Two machine screws are provided to fix the M.2 M-key Stack FMC to the brackets.

The machine screw part numbers are listed below:

- Machine screw, Thread M2.5 x 0.45, Length (below head) 4mm, Stainless steel, Phillips head
Part number: 90116A105
Supplier: McMaster-Carr

Board Revision History

Rev A

- Date of first manufacture: 2024-07-22
- Commercially released

References

Board Files

Rev-A

- [M.2 FMC Extension Rev-A Assembly Drawing PDF](#)

Revision History

Date	Version	Description
2024-07-30	1.0	Initial PDF release.

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