

MPX-M2E

M.2(NGFF) to Mini-PCIe adapter

User's Manual

Edition 1.31

2025/01/08



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1 <Product Overview>

MPX-M2E M.2 (NGFF) to Mini_PClE Adapter with Key A-E PCIe interface, support 2230/3030 dimension M.2 module to Mini_PClE slot for easily Install in SBC.

MPX-M2E provides PCIe & USB interface for support such IEEE 802.11 ac/a/b/g/n + Bluetooth M2 module.

MPX-M2E is no drivers needed for use M.2 module on this adapter.

2 <Features>

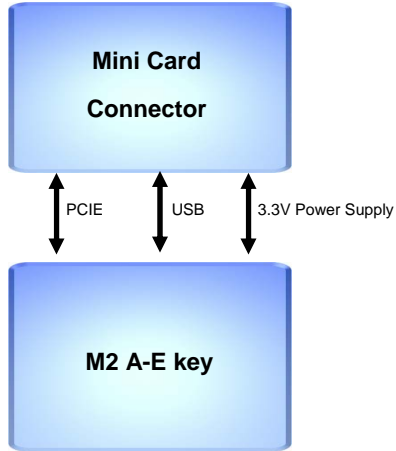
- ✧ **M.2 (NGFF) to Mini-PCIe**

- ✧ **Support 2230/3030 M.2 Card dimension**

- ✧ **Support M.2 Key A-E PCIe interface**

- ✧ **PCIe + USB interface**

3 <Block Diagram>



4 <Product Specifications>

Product Description

Host Interface	PCIe + USB
Controller	N/A
Dimension	30.00mm x 50.95mm x 9.6mm (L x W x H)

Operating Conditions

Voltage	3.3V +/-5%
Temperature	0~60°C
Storage Temperature	-40~+85°C

General Specifications

M.2 Size	2230 / 3030
M.2 Key Type	A-E PCIe interface
mPCIe Size	Full Size
PCIe version	1.1
USB version	2.0

.1 < Recommended Operating Conditions >

Symbol	Parameter	Rating	Unit
Vdd33	I/O voltage	3.135~3.465	V

5 <Component Placement>

5.1 < Connector Reference >

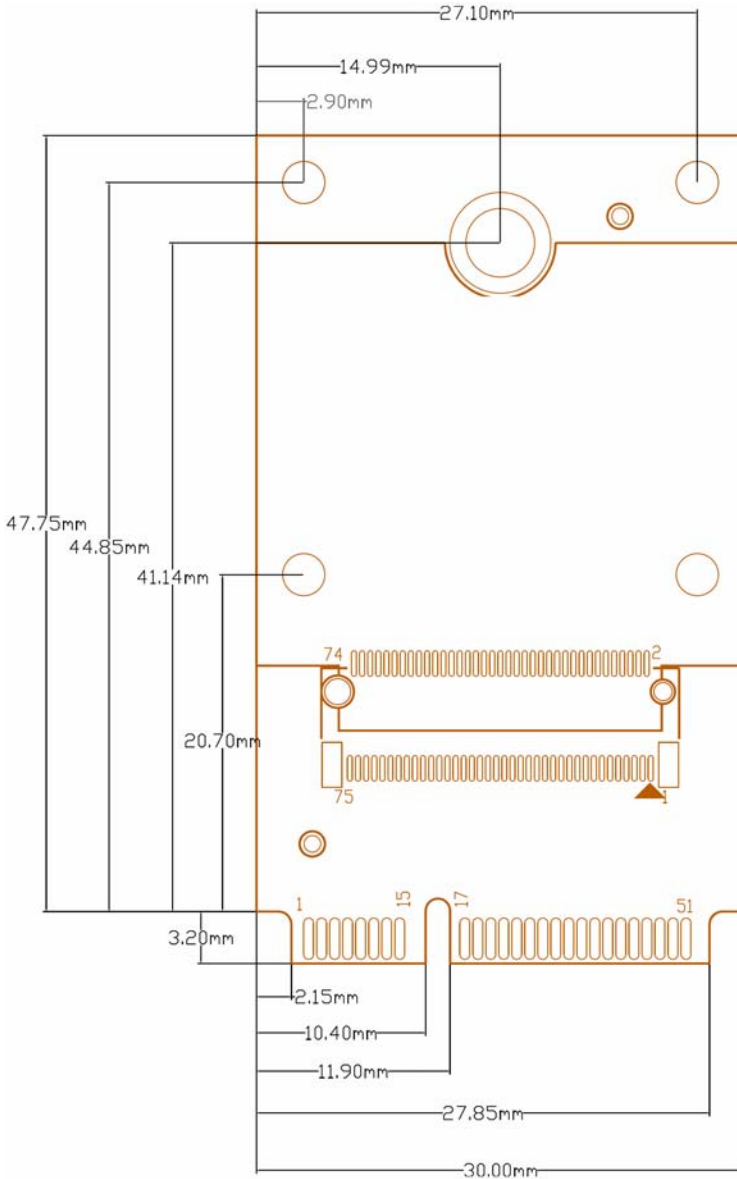
MPX-M2E:

m2.5 x 3 screw

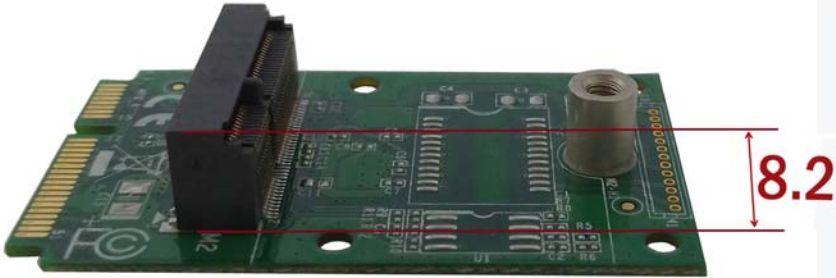


6 <Mechanical Drawing>

MPX-M2E: (Units: mm)



Mechanical height: (Units: mm)



Contact information

Any advice or comment about our products and service, or anything we can help you please don't hesitate to contact with us. We will do our best to support you for your products, projects and business.

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