






# Installation Guide

## Installing M.2 Module(s) on Kontron 3.5"-SBC

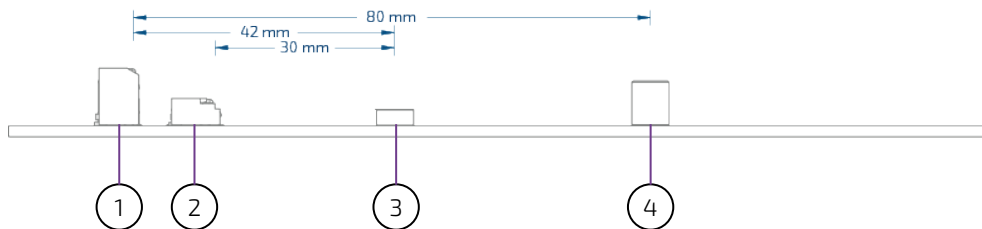
Most of Kontron's 3.5"-SBC boards are equipped with three M.2 slots with Key B, Key E and Key M respectively. The former two are located on the top side of the board and the latter one is located on the bottom side.

### ▶ Installing M.2 Module(s) into M.2 Key B and / or Key E Slot(s)

Depending on the ordered configuration, the 3.5"-SBC may be supplied with the following fixing bolt extensions, fastening screws and adapter bracket completely or partially to secure a M.2 Key B module and / or a M.2 Key E module.

					
Item	A	B	C	D	E
P/N	0H020E6008001 00L	0H020E6007001 00L	0H01046003001 00L	0H01023004005 00L	0F04000000138 00L
Description	Fixing Bolt Extension	Fixing Bolt Extension	Fastening Screw	Fastening Screw	Bracket
Dimensions	Nominal Size: M3 Length: 8.2 mm Head Ht.: 4.2 mm	Nominal Size: M3 Length: 7.2 mm Head Ht.: 3.2 mm	Nominal Size: M3 Length: 3.3 mm Head Ht.: 0.8 mm	Nominal Size: M3 Length: 4.0 mm Head Ht.: 1.0 mm	Screw hole: M3 Length: 41.3 mm Height: 4.95 mm

Generally, the slots and the corresponding fixing bolts are arranged as the following succession.



- 1 M.2 Key B Slot
- 2 M.2 Key E Slot
- 3 M.2 Fixing Bolt for Key B Type xx42 / xx52 and / or Key E xx30
- 4 M.2 Fixing Bolt for Key B Type xx80 / xx52

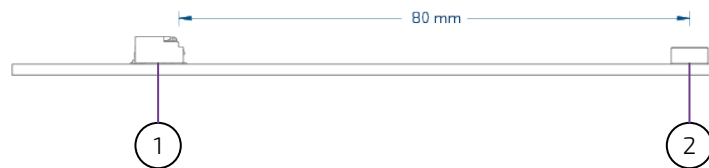
The following table illustrates every installation possibility of M.2 Key B module and / or M.2 Key E module along with required fixing bolt extension(s), fastening screw(s) and / or adapter bracket.

Key B Module Type	Key E Module Type	Installation Configuration
-	xx30	
xx42	-	
xx52	-	
xx80	-	
xx42	xx30	
xx52	xx30	
xx80	xx30	

### ► Installing M.2 Module into M.2 Key M Slot


Depending on the ordered configuration, the 3.5"-SBC may be supplied with a fastening screw (Item C in the above table) to secure a M.2 Key M module.

The slot and the corresponding fixing bolt are arranged as the following succession.



- 1 M.2 Key M Slot
- 2 M.2 Fixing Bolt for Key M Type xx80

The following table illustrates the installation configuration of M.2 Key M module along with required fastening screw.

Key M Module Type	Installation Configuration
xx80	

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