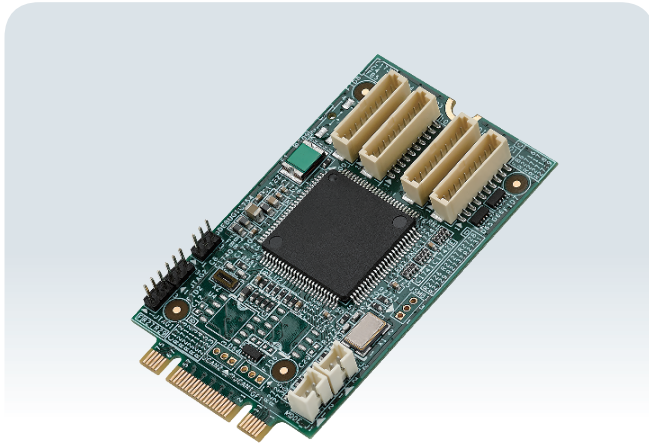


# DMT-100

M.2 Key B+M Digital I/O Card, 32-bit GPIO/DIO



## Features

- 4KV Isolated Protection for each channel
- -40°C to 85°C Operating Temperature
- 32-bit Programmable signals
- 4 ports digital signal, each with 8-bit GPIO
- Onboard Interrupt supports Rising/Falling Edge
- Programmable Timer and Counter for status monitoring
- Isolated DIO Control : Sink Mode/Source Mode
- Supports Wide Range I/O Voltage

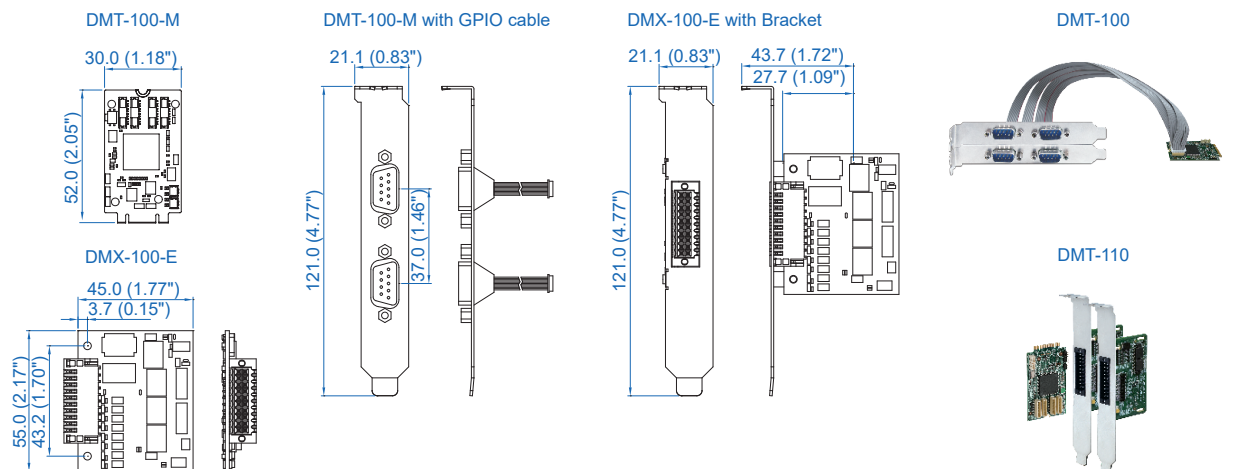


## Specifications

GPIO (DMT-100-M)	
Interface	USB 2.0
Number of port	4 (8-bit GPIO/each)
Power Input	3.3V DC-in
I/O Voltage	3.3V
Isolated DIO Expansion Card (DMX-100-E)	
Number of port	- Input : 2 (8-bit GPIO/each) - Output : 1 with 16-bit Isolated DIO
I/O Voltage	- Sink Mode : 6V to 40V - Source Mode : 6V to 48V
Mechanical	
Dimensions (W x L)	<b>DMT-100-M</b> : 30.0mm x 52.0mm <b>DMX-100-E</b> : 45.0mm x 55.0mm Cable Length : 250mm
Weight	160 g

Software Support	
OS	Windows 11, Windows 10, Linux
Environment	
Operating Temperature	-40°C to 85°C (-40°F to 185°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Humidity	5% to 95% Humidity, non-condensing
Relative Humidity	95% @ 85°C
EMC	CE, FCC
Packing List	
<b>DMT-100 :</b> - 1 DMT-100-M GPIO Card - 4 GPIO Cable - 1 Screw Kit - 2 Bracket	<b>DMT-110 :</b> - 1 DMT-100-M GPIO Card - 2 DMX-100-E Isolated DIO Expansion Card - 4 Isolated DIO Cable - 2 Sink/Source Mode Control Cable - 1 Screw Kit - 2 Bracket

## Dimensions



## Order Information

<b>DMT-100</b>	M.2 Key B+M 32-bit GPIO Card
<b>DMT-110</b>	M.2 Key B+M 32-bit Isolated DIO (16 DI, 16 DO) Card