



# MaaXBoard Variants

V1.0

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# 1 Introduction

Thank you for your interest in the Avnet MaaXBoard. The MaaXBoard is a unique offering where various amounts of memory and boot methods can potentially be populated and supported to meet various customer end needs. Below is a list of Part Numbers along with Memory and Boot method configurations easily available. These MaaXBoard variants in most cases will require a Minimum Order Quantity (MOQ) of 100 units. If the following configurations in Section 2 don't meet your end need, please read Section 3.

## 2 Available MaaXBoard Variants

MaaXBoard Variant Part Numbers	DDR Config	eMMC Config	SD Card	i.MX 8M Config	Board Temperature Grade	MOQ
AES-MC-SBC-IMX8M-G (Standard MaaXBoard Offering)	2GB	N/A	Yes	Quad Core	Commercial	1 unit
AES-MC-SBC-IMX8M-D2E16QC-G	2GB	16GB	N/A	Quad Core	Commercial	100 units
AES-MC-SBC-IMX8M-D2SDQI-G	2GB	N/A	Yes	Quad Core	Industrial	100 units
AES-MC-SBC-IMX8M-D2E16QI-G	2GB	16GB	N/A	Quad Core	Industrial	100 units

Search for these Part Numbers on Avnet.com

Figure 1 – MaaXBoard Variants

## 3 Additional MaaXBoard Customizations

Seeing as there are a variety of end applications, we understand the variants offered above won't meet all customer requirements. The MaaXBoard can support the following memory and boot method configurations.

1. DDR4 0 to 4GB
2. SD or eMMC boot
3. eMMC 0 to 64GB
4. Dual Core / Quad Core / QuadLite Core i.MX 8M devices

If you find that one of these configurations are better suited for your needs, we recommend you contact [customize@avnet.com](mailto:customize@avnet.com). **Please note**, doing a specific customization not outlined in **Section two** will most likely require a Minimum Order Quantity (MOQ) of 1000 units and potentially a Non-Recurring Engineering Cost. For this reason, we highly recommend using one of the variants outlined in Section 2 when possible.

## 4 Additional Support

To find support for your MaaXBoard and to access all support material, please visit:

<http://avnet.me/maaxboard>

## 5 Revision History

Date	Version	Revision
19 Mar 2020	1.0	Initial Release