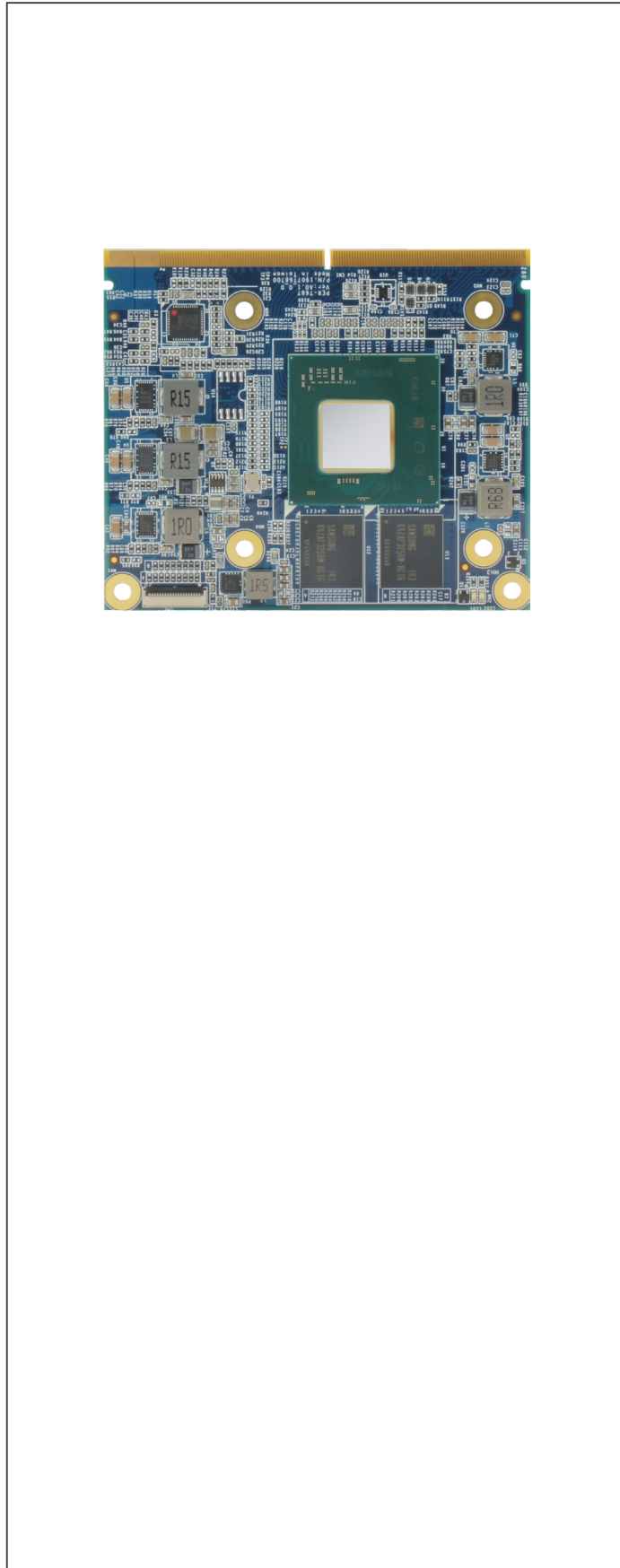


PER-T687 PRELIMINARY

Embedded MXM 3.1 Type A Module with Intel Arc A370M/A350M GPU



Features

- Intel Arc A370M / A350M Embedded GPU, up to 8x Xe Core , TGP up to 50W
- 4GB GDDR6 memory
- PCIe 4.0 [x8] Interface
- DP 1.4 x 4
- Standard MXM 3.1 Type A form factor

Specifications

System	
FORM FACTOR	Standard MXM 3.1 Type A form factor
GPU	Intel Arc-A Series GPU Intel Arc A370M GPU (Xe 8 Cores, TGP 35W-50W) Intel Arc A350M GPU (Xe 6 Cores, TGP 25W-35W)
MEMORY	4GB GDDR6, 64-bit , Bandwith 112GB/s
DISPLAY INTERFACE	DP 1.4 x 4
DIMENSION	82mm x 70mm
POWER CONSUMPTION	Arc A370M GPU , TGP 35W-50W Arc A350M GPU , TGP 25W-35W
OPERATION TEMPERATURE	32°F ~ 140°F (0°C ~ 60°C)
STORAGE TEMPERATURE	-40°F ~ 185°F (-40°C ~ 85°C)
OPERATING HUMIDITY	0% ~ 90% relative humidity, non-condensing
MTBF (HOURS)	TBD
OS SUPPORT	Windows 10 (64bit) Ubuntu 22.04 LTS

Packing List

- PER-T687 x 1

Ordering Information

Form Factor	GPU	Memory	Display	TGP	Operating Temperature	Interface
MXM 3.1 Type A	A370M	4GB GDDR6	DP 1.4 x 4	35W-50W	0°C ~ 60°C	PCIe 4.0 [x8]
MXM 3.1 Type A	A350M	4GB GDDR6	DP 1.4 x 4	25W-35W	0°C ~ 60°C	PCIe 4.0 [x8]