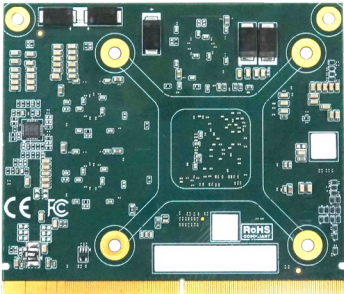


AI Accelerator& GPU

Preliminary

MXM Module MXA380E-QA



Features

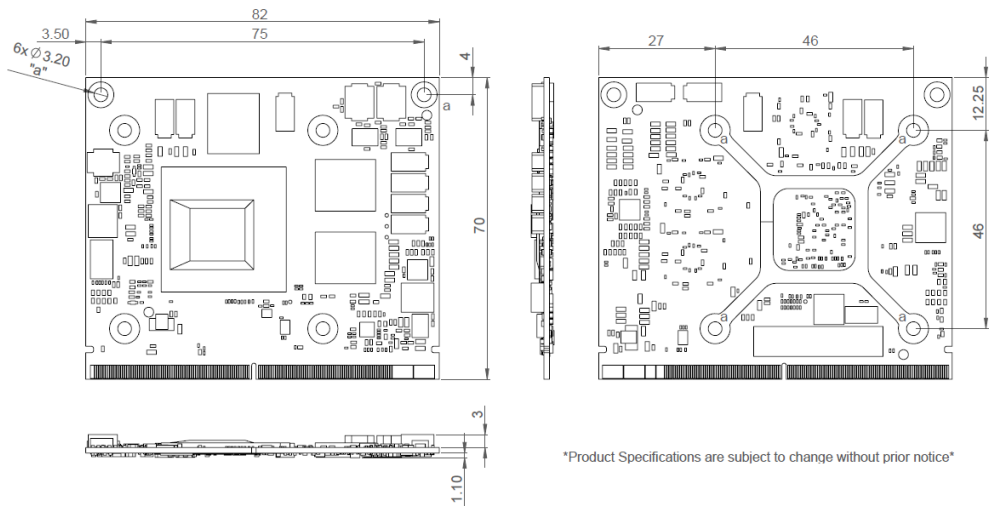
- Intel Arc A380E GPU for the edge
- 128 Intel® XMX Engines Cores, 8 Xe-cores, 8 Ray Tracing and 128 Xe Vector Engines, 6GB GDDR6 memory
- PCIe Gen4.0 x8 signal
- Five-year long-term product availability support

Specifications

Model Number	MXA380E-QAA-A1
GPU Engine Specs	Intel Arc A380E Architecture: Intel Arc Xe-cores: 8 Intel® XMX Engines Cores: 128 Xe Vector Engines: 128 RT Cores: 8 Core Clock (MHz): 1250(Base) Floating Point Performance: 2.56 TFLOPS GPU peak TOPS (Int8) : 40.96
Memory Specs	Size: 6GB GDDR6 Clock: 15.5 Gbps Interface Width: 96-bit Bandwidth (GB/sec): 186
Feature Support	PCI Express Gen4.0 x8 DirectX: 12 Ultimate OpenVINO OpenCL 3.0 OpenGL 4.6 Vulkan 1.3 AV1 hardware encoding/decoding
Display	Resolution: 7680x4320 ¹ Max: 4x DisplayPort 1.4a / or 4x HDMI 1.4
Power Consumption	Total Graphics Power (TGP): 50 W
Form Factor	MXM Graphics Module Version 3.1, Type A
Dimensions (WxD)	82.0 x 70.0 mm (3.22" x2.75")
Net Weight	0.033 kg (0.073 lb)
Temperature	Standard: Operating Temp. :0 to + 55°C (32°F ~131°F)/ Storage Temperature: -40 to + 85°C (- 40°F ~ 185°F)
Humidity	40°C@ 95%, Non-condensing
OS Support	Windows 10/11 64-bit
Certification	CE/FCC/UKCA

1. Up to 4k 12-bit HDR at 240Hz with DP1.4a+DSC. Up to 8k 12-bit HDR at 60Hz with DP 1.4a+DSC or HDMI2.0+DSC. With dual DP1.4a+DSC, up to 8K HDR at 120Hz. HDCP 1.2/1.4. (eDP, LVDS, VGA, USB-C display output are not supported)

System & Mounting Dimensions



Ordering Information

Model name	Description
MXA380E-QAA-A1	MXM-A, Intel Arc A380E, 6GB GDDR6, 4xDP, 50W, 0°C to +55°C

Accessory (Optional)

Part No.	Description
92-6MXM4H-1002	PCIe Carrier Board, MXM3.1, Gen4.0 x16, 4x HDMI, 0°C to +55°C
3906000000S020	MXM-A Cooler, TWO BALL, 12V 4PIN, L:200mm 6000RPM, 72*62*27.65mm, AL6063, 0°C to +55°C