

Arc A750E ECM 16G

JHCTECH

IoT Computer
Connecting the Dots

MXM GPU Graphics Card



FCC

Key Features

- Powered by Intel Arc A750E embedded GPU
- 17.5Gbps VRAM, 16GB GDDR6
- Display: 4 Channel for DP /HDMI
- PCIe4.0 X16 signal, MXM 3.1module
- Support DirectX 12 Ultimate Ray Tracing
- Intel Deep Link technology, multi-format codec engine
- TBP 190W, optional temperature-controlled fan radiator
- MXM 3.1 Type B standard, suitable for traffic MEC and medical imaging

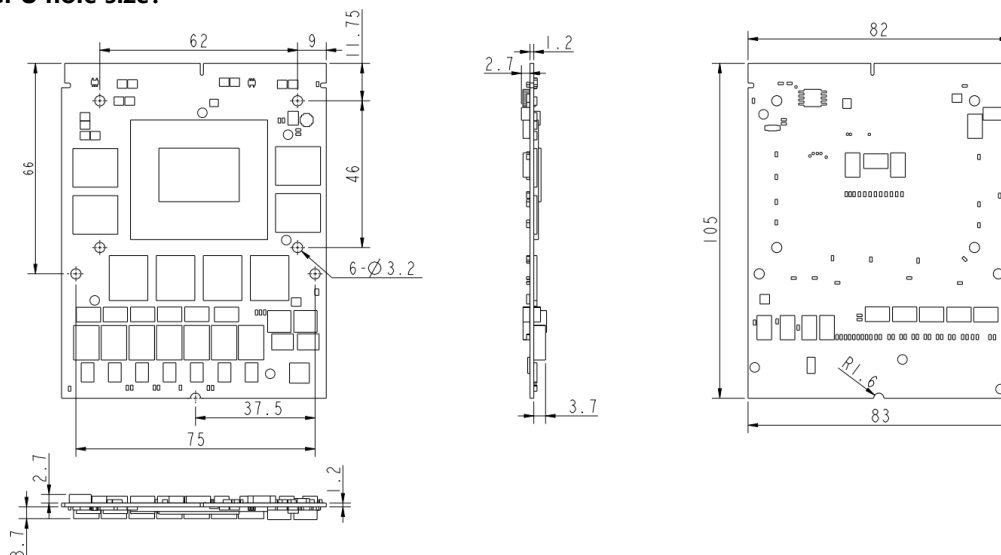
Description

Arc A750E ECM 16G is a MXM GPU graphics card powered by Intel ARC A750E, designed according to MXM 3.1 Type B standard specification, widely used in transportation MEC and medical imaging and other industries and fields.

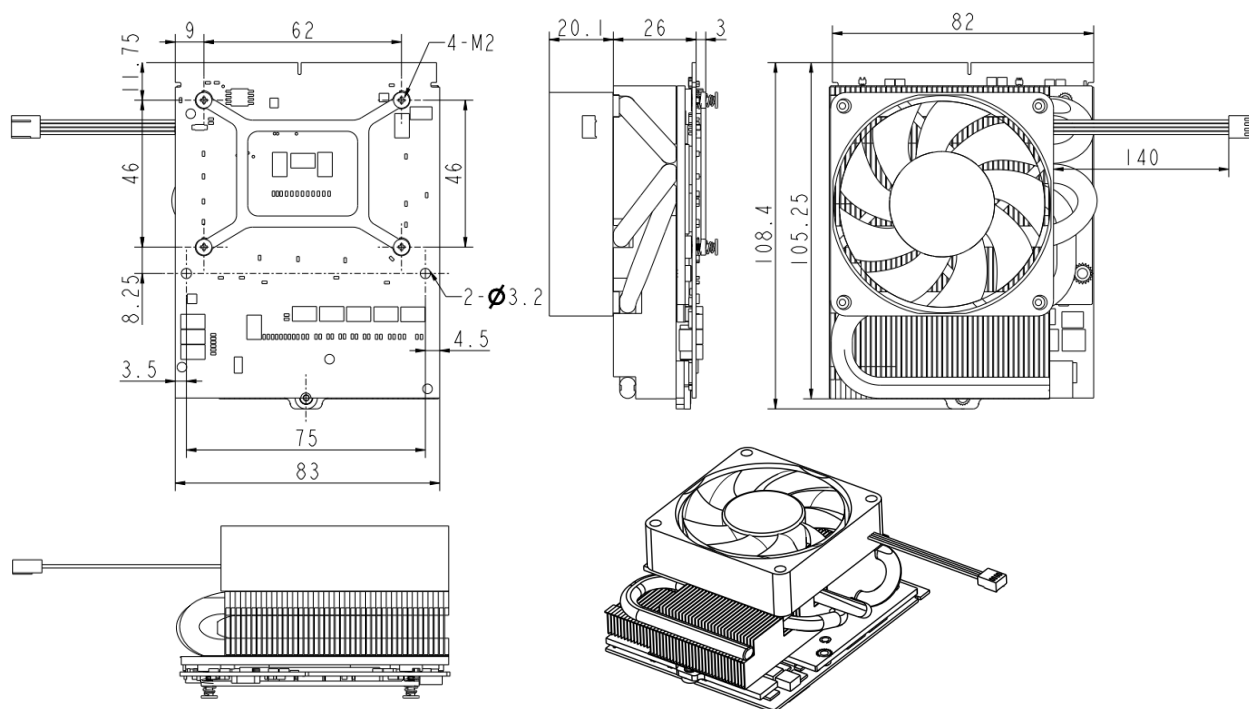
SPEC.

GPU	Intel Arc-A750E, 6nm process
GPU Architecture	Intel XeHPG
GPU Xe Core	28
GPU process	6nm
Max GPU frequency	2050MHz (Theoretical value, actual value TBD power)
Computing Power (Peak INT8)	229 TOPS (Theoretical value, actual value TBD power)
Memory Size	16GB GDDR6
Memory speed	17.5Gbps
Memory Bus Width	256bit
Memory bandwidth	560GB/s
Display Features	DP_A : DP or HDMI, DP_B : DP or HDMI, DP_C : DP or HDMI, DP_D : DP or HDMI, 4 independent display channels configurable. HDMI2.0 max 4096 x 2160@60Hz, DP 2.0 up to UHBR max 7680 x 4320@60Hz
PCI Express	PCIe 4.0 X16
Board Power (TBP)	190W
Power supply	MXM3.1 Connector, DC-IN 12~20V
Dimensions	MXM3.1 Type B: 105*82mm
DirectX	12 Ultimate
Video Playback	AV1, H.265, H264, VC1, MPEG2 ,VP9, MJPEG.
Operating Temperature (°C)	-10°C ~ 60°C (Relying on the heat dissipation effect of the radiator)
Operation System	Win10, Win11, Linux

MXM GPU hole size:



MXM GPU + Radiator assembly hole size:



Ordering Info

Module No.	Introduction
Arc A750E ECM 16 G	Intel ARC A75E GPU, 16GB GDDR6 VRAM, 3*DP+1*HDMI display, MXM3.1 Type B graphics module
MXM GPU Radiator assembly	12V/0.4A turbo fan, copper plate+3 copper tubes+fin aluminum radiator