

AI Accelerator &GPU

PCIe IA380E-QUFL



Features

- Intel Arc A380E GPU for the edge
- 128 Intel® XMX Engines Cores, 8 X^e-cores, 8 Ray Tracing and 128 X^e Vector Engines, 6GB GDDR6 memory
- PCIe Gen 4 x16 interface via golden finger
- Five-year long-term product availability support

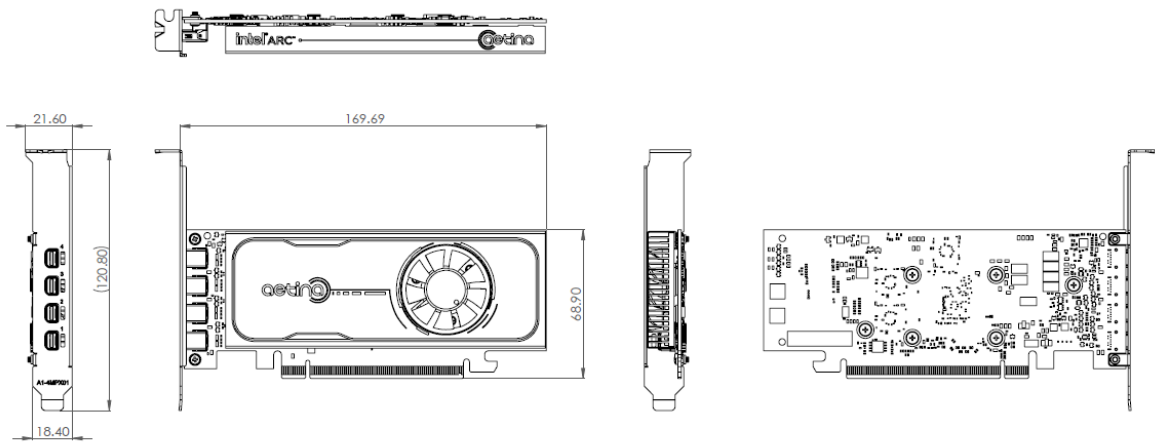
Specifications

Model Number	IA380E-QUFL-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
Memory Specs	Size: 6GB GDDR6 Clock: 15.5 Gbps Interface Width: 96-bit Bandwidth (GB/sec): 186
Feature Support	PCI Express 4.0 x8 DirectX: 12 Ultimate OpenVINO OpenCL 3.0 OpenGL 4.6 Vulkan 1.3 AV1 hardware encoding/decoding
Display	Resolution: 7680x4320 ¹ Max: 4x Display Display connector: Mini DisplayPort
Power Consumption	Total Graphics Power (TGP): 50W Min. System Power Requirement ² : 350W or better power supply
Form Factor	Low-profile / Single slot
Dimensions (WxD)	169.69 x 68.9 mm (6.68" x 2.71")
Net Weight	0.202 kg (0.4453 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 HDMI2.1+DSC. With dual DP1.4a+DSC, up to 8K HDR at 120Hz.

2. Requirement is made based on PC configured with an Intel Core i9-10900K processor. A lower power rating may work depending on system configuration.

System & Mounting Dimensions



Ordering Information

Model name	Description
IA380E-QUFL-A1	PCIe Gen4.0 x8, Intel Arc A380E, 6GB GDDR6, 4x mDP, Low-Profile, Single Slot, Active Thermal, 50W, 0°C to +55°C

Accessory

Part No.	Description
TBD	

