

# AV-DG301

Intel® Arc™ Pro B60 GPU Card for Scalable AI Inferencing Workstations



## Features

- GPU Accelerator Powered by Intel® Arc™ Pro B60
- AI Acceleration by XMX engines
- Scalable Multi-GPU Support
- Up to 4x Display (DP 2.1 / HDMI 2.1)
- Independent Software Vendor (ISV) Certifications
- Ray Tracing Hardware Acceleration
- AVI Hardware Encode and Decode Support

## Specifications

### Platform

GPU Chip	Intel® Arc™ Pro B60
TBD	200W
Xe-Cores	20 Xe2-HPG
Ray Tracing Units	20
Graphic clock	2400MHz
GPU Peak TOPs	197 TOPs
Intel XMX	160
Xe Vector	160
PCIe	PCIe Gen 5 x16 (x8 Electrical), with 4.0 Backwards Compatibility

### System Memory

Technology	192-bit GDDR6
Max. Capacity	24GB or 48GB (by SKU)
Bandwidth	456GB/s
Speed	19Gbps

### I/O Interface

Display	4x DP 2.1 or 2x HDMI 2.1 (by SKU)
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### Power

Consumption	120-200W Total Board (by SKU)
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### Cooling

Thermal Solution	Blower Fan
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### Environmental Parameters

Temperature	0°C~45°C (Depends on system case airflow)
Humidity (RH)	5% ~ 90% Operating 5% ~ 95% Non-Operating

### System Dimensions

Dimension (H x W)	289 x 112 mm
Weight	TBD
Form Factor	Dual FHFL / Single FHFL (by SKU)
SR-IOV	Yes

### Hardware Acceleration

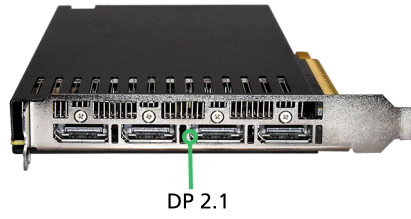
XMX AI Engines	Yes
Ray Tracing	Yes
Full Encode & Decode	AV1, HEVC, H.264, VP9

### OS Support

Windows	Microsoft Windows® 11 & 10
Linux	Linux® Ubuntu

## Product I/O View

### SKU C



DP 2.1

## Ordering Information

SKU	Chip	TBP	Memory	PCIe	Display Port	Thermal Solution
AV-DG301A	Intel Battlemage B60	400W	192-bit 48GB GDDR6, 456 GB/s bandwidth	PCIe 5.0 x16	2x HDMI	Blower Fan
AV-DG301B		200W	192-bit 24GB GDDR6, 456 GB/s bandwidth	PCIe 5.0 x16 @x8 (golden finger x16, signal x8)	4x DP 2.1	Blower Fan
AV-DG301C		120W	192-bit 24GB GDDR6, 456 GB/s bandwidth	PCIe 5.0 x16 @x8 (golden finger x16, signal x8)	4x DP 2.1	Passive cooling