

Built for Flexible, Scalable Deployment

intel ARC PRO B60 GPU

For AI Inference Workstations

The Intel® Arc™ Pro B60 is expertly engineered for advanced AI inferencing workstations and servers. With 24GB of onboard graphics memory, navigate the swiftly evolving AI landscape with confidence.

- 24GB Memory - Large Model and Asset Ready
- Dedicated AI Acceleration Through XMN engines
- Scalable Multi-GPU Support
- Windows and Linux Support
- Independent Software Vendor (ISV) Certifications
- Ray Tracing Hardware Acceleration
- AVI Hardware Encode and Decode Support
- Up to 4x Displays

intel.com/ArcPro

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ARC
GRAPHICS

Render for illustrative purposes only. Intel version not available for purchase.

Available as Partner Branded Card

Designed for Scalable AI Inferencing Workstations

Powerful Local Inference

Offering 24 GB of dedicated memory, up to 456 GB/s bandwidth and 160 Intel® Xe Matrix Extensions (Intel® XMX) AI engines, Intel Arc Pro B60 GPUs are tailored for the increased memory usage and processing demands required by modern professional projects like AI, generative design, 3D simulation, ray tracing, and editing tasks.

Scalable AI Performance

Gain scalable performance with Linux multi-GPU LLM support from the Intel Arc Pro B60 GPU, optimized to run larger, more advanced AI for higher quality and faster outputs.

Optimized Software. ISV Certified

Ensure reliable, precise performance for common AI, design, engineering, architectural, and manufacturing software with a workstation-focused, validated, and robust graphics driver. Paired with trusted ISV (Independent Software Vendor) certified⁴ Intel Arc Pro B60 GPU hardware benefits, the professional graphics driver substantially boosts raw performance over the standard Intel graphics driver across a broad range of APIs.

This GPU is Optimized to Offer Great Performance in Tasks Like:

- Local LLM AI Projects
- Linux Multi-GPU Deployments
- Software Development

If you require a compact low-power GPU explore the dual slot, small form factor Intel® Arc™ Pro B50 GPU



Key Features

24GB GDDR6 High-Speed Memory

197 AI TOPS Int 8 Dense

456 GB/s Memory Bandwidth

Multi-GPU Linux Ready

PCIe 5.0 SUPPORT

⁴ ISV Certifications subject to ISV certification completion and specific configuration requirements. Go to <https://www.intel.com/content/www/us/en/support/topics/certified-graphics-hardware-and-drivers-by-isv.html> for more details. Intel Arc Pro graphics driver support for systems with Intel Arc Pro B60 may vary by provider. Check with system vendor for further details.

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PRO

Specifications

PERFORMANCE	GPU Peak TOPS (Int8) ¹	197 TOPS
	Peak FP32 Throughput ²	Up to 12.28 TFLOPS (Single Precision)
	X ^e -cores	20 X ^e 2-HPG
	XMV Engines	160
	Ray Tracing (RT) Units	20
	PCIe [®] Support	Gen 5.0 x16 (x8 Electrical), with 4.0 Backwards Compatibility
MEMORY	Dedicated Memory	24GB of GDDR6
	Bandwidth	456 GB/s
	Interface	192-bit
DISPLAY	Outputs	Varies by Partner
	Display and Resolution Support	Up to 2@ 7680x4320 (8K UHD, 60Hz) 1@ 5120x1440 (5K Ultrawide, WUHD, 240Hz) 2@ 5120x2880 (5K UHD, 120Hz) 4@ 3840x2160 (4K UHD, 60Hz)
	API Support	DirectX [®] 12 Ultimate, oneAPI, OpenCL [™] 3.0, OpenGL [®] 4.6, OpenVINO [™] , Vulkan [®] 1.3
HARDWARE ACCELERATION	XMV AI Engines	Yes
	Ray Tracing	Yes
	Full Encode and Decode	AV1, HEVC, H.264, VP9
POWER	Consumption ³	120-200W Total Board Power
	Connector	Varies by Partner
	Form Factor	Varies by Partner
GENERAL	Dimensions	Varies by Partner
	OS Support	Microsoft Windows [®] 11 and 10 Linux [®] Ubuntu
	Warranty	Varies by Partner

Specifications may vary by provider. Check with board partner for further details.

¹GPU Peak TOPS (trillions of operations per second) represents the peak throughput when running XMV workloads with INT8 datatype and dense models. Performance may vary based on configuration.

²As defined by maximum clock frequency and peak single precision operations throughput. Performance may vary.

³Intel reference specification. Partner designs may vary.