intel ARC
PRO

Intel® Arc™ Pro B-Series Graphics For Workstations

Workstation-Class AI and Professional Compute Meets Scalable Multi-GPU Performance. Powered by Next-Gen XMX AI Engines. Built for What's Next.

Intel® Arc™ Pro B-Series Graphics are workstation-grade cards that are built to adapt to today's AI inference needs. Powerful XMX AI engines provide efficient AI performance, with the ability to combine VRAM and compute in a multi-GPU setup.

Product	X^e-cores	Ray Tracing Units	XMX AI Engines	Memory Size/ Interface	Graphics Clock	Memory Bandwidth	Peak TOPS[1]	Total Board Power	AVC/HEVC/AV1 Transcoding	Competition (Matchups are projected.)
Intel® Arc™ Pro B70 Graphics	32	32	256	32 GB / 256 bit	2800 MHz	608 GB/s	367	160W-290W	Yes	Nvidia RTX PRO 4000 AMD Radeon RX 9070 XT AMD Radeon AI Pro 9700
Intel® Arc™ Pro B65 Graphics	20	20	160	32 GB / 192 bit	2400 MHz	608 GB/s	197	200W	Yes	Nvidia GeForce RTX 5070 AMD Radeon RX 9070 XT AMD Radeon RX 9070 AMD Radeon W7600 8GB
Intel® Arc™ Pro B60 Graphics	20	20	160	24 GB / 192 bit	2400 MHz	456 GB/s	197	120-200 W	Yes	Nvidia GeForce RTX 5060Ti AMD Radeon RX 9060XT Nvidia RTX A1000 AMD Radeon W7500
Intel® Arc™ Pro B50 Graphics	16	16	128	16 GB / 128 bit	1700 MHz	224 GB/s	170	70 W	Yes	Nvidia GeForce RTX 5060 Nvidia RTX 2000 Nvidia RTX A1000 AMD Radeon RX 9060XT

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

Powerful Local Inferencing

With up to 32GB graphics memory, run larger, high-precision AI models for greater accuracy, while enabling creators to handle more detailed, complex projects without compromising performance.

Scalable Performance

Scale up with Linux multi-GPU compatibility, up to 100+ GB combined graphics memory, and oneAPI support for faster AI processing, higher throughput, and massive models.

Workstation Software

Versatile performance across AI, design, architectural software and more with a robust, validated workstation pro driver. Switch gears and enable day-0 game drivers and gameplay enhancing software features such as X^eSS.

Product	Entry Workstation	Mainstream Workstation / Display	AI	Power Efficiency Optimized	Performance Optimized
Intel® Arc™ Pro B70 GPU	●	●●●	●●●	●	●●●
Intel® Arc™ Pro B65 GPU		●●●	●●●	●●	●●
Intel® Arc™ Pro B60 GPU	●●	●●	●●	●●	●●
Intel® Arc™ Pro B50 GPU	●●●	●	●	●●●	●

Performance within Intel Arc product stack

Best ●●●	Better ●●	Good ●

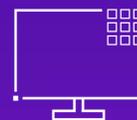# Built to Scale for Modern Use Cases

Motion Designers
Deliver high-quality visuals faster with AI-powered rendering and effects.

Engineers
Speed up complex visualizations and precise linework in CAD tools.

Developers
Build and test large models locally with private, fast iteration.

Architects
Gain seamless responsiveness and performance in complex architectural tools.

Animators
Accelerate 2D/3D workflows with responsive, AI-simplified creative tools.

Product Designers
Create persuasive 3D models with realistic ray-traced lighting effects & textures.