# ASUS UGEN-ARC-PRO-B70-32G Intel Arc Pro B70 32 GB GDDR6



**Brand :** ASUS

**Product code:** 90YT00E0-MVNA00

**Product name :** UGEN-ARC-PRO-B70-32G



- ASUS UGen Intel Arc Pro B70 32 GB features Intel Xe2 architecture (32 Xe-Cores, 256 XMX AI engines) delivering up to 367 TOPS (INT8) at 290 W TBP
- 2-slot form factor optimized for multi-GPU density
- Scales to a 4-card system with 128GB total VRAM, enabling models up to 120B parameters
- Compatibility with major AI frameworks and tools: vLLM (XPU), llama.cpp (SYCL / Vulkan), Ollama, PyTorch (IPEX), OpenVINO, oneAPI, and Vulkan
- Compatible with ASUS Zenni Claw

UGen Intel Arc Pro B70 32 GB GDDR6 with ECC, Intel Xe2-HPG Architecture, PCIe Gen 5x16, 2-slot Design, Blower Design, ready for Workstation and AI workload.

ASUS UGEN-ARC-PRO-B70-32G Intel Arc Pro B70 32 GB GDDR6:

**Accessible Local AI Inference, Built for Scale**
ASUS UGen Intel® Arc™ Pro B70 32GB empowers AI builders and agents with 32GB of GDDR6 memory, large-context capability, high multi-query throughput, and multi-GPU scalability, all in a compact workstation-ready design.

| Processor | |
|---|---|
| CUDA * | ✗ |
| Graphics processor family * | Intel |
| Graphics processor * | Arc Pro B70 |
| Processor boost clock speed | 2800 MHz |
| Maximum resolution * | 7680 x 4320 pixels |
| Parallel processing technology support * | Not supported |
| Maximum displays per videocard | 4 |

| Memory | |
|---|---|
| Discrete graphics card memory * | 32 GB |
| Graphics card memory type * | GDDR6 |
| Memory bus * | 256 bit |
| Data transfer rate | 19 Gbit/s |
| Memory bandwidth (max) | 608 GB/s |

| Ports & interfaces | |
|---|---|
| Interface type * | PCI Express x16 5.0 |
| HDMI ports quantity * | 1 |
| HDMI version | 2.1b |
| DisplayPorts quantity * | 3 |
| DisplayPort version | 2.1 |

| Performance | |
|---|---|
| Peak Single Precision Matrix (FP32) performance | 22.94 TFLOPS |
| Peak INT8 Performance | 367 TOPs |
| TV tuner integrated * | ✗ |
| DirectX version * | 12.0 |
| Shader model version * | ✗ |

| Performance | |
|---|---|
| OpenGL version * | 4.6 |
| OpenCL version | 3.0 |
| Dual Link DVI * | ✗ |

| Design | |
|---|---|
| Cooling type * | Active |
| Number of fans | 1 fan(s) |
| Number of slots | 2 |
| Product colour | Grey |

| Power | |
|---|---|
| Minimum system power supply * | 750 W |
| Supplementary power connectors | 2x 6-pin |
| Power consumption (max) | 290 W |

| System requirements | |
|---|---|
| Windows operating systems supported | Windows 11 |
| Linux operating systems supported | ✔ |

| Weight & dimensions | |
|---|---|
| Weight | 1.09 kg |
| Length | 267 mm |
| Depth | 40 mm |
| Height | 111 mm |

| Packaging data | |
|---|---|
| Package width | 585 mm |
| Package depth | 390 mm |
| Package height | 254 mm |
| Package weight | 1.55 kg |
| Package type | Box |

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**Catalog Object Cloud**

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