

Intel Arc Pro B65 32GB

Battlemage

PCIe

2026

5nm

OVERVIEW

12.3 FP32 TFLOPS	32 GB VRAM GDDR6	608 GB/s Memory Bandwidth	200 W TDP
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PERFORMANCE METRICS

Precision	Peak (dense)	Bits	Type
FP64	—	—	Standard
FP32	12.3	32	Standard
TF32	—	—	Standard
BF16	—	—	Standard
FP16	—	—	Standard
FP8	—	—	Standard
FP6	—	—	Standard
FP4	—	—	Standard
INT8	197.0	8	Standard

MEMORY SPECIFICATIONS

Capacity	32 GB
Type	GDDR6
Bandwidth	608 GB/s
Interface Width	256-bit

POWER & EFFICIENCY

TDP	200 W
Max Power	200 W
FP32 Efficiency	0.06 TFLOPS/W
FP16 Efficiency	—

HARDWARE DETAILS

Vendor: Intel	Architecture: Battlemage	Process Node: 5nm
Form Factor: PCIe	Launch Year: 2026	Variant: 32GB

COMPUTE ENGINE

Xe Cores: 20	Tensor Cores: 160 (Xe2 XMN)	Boost Clock: 2.40 GHz
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INTERCONNECT

PCIe: 5.0 x16

ENTERPRISE FEATURES

Sparsity: **No**
