

Intel Arc A770 16GB

Alchemist PCIe 2022 6nm

OVERVIEW

19.7
FP32 TFLOPS**16 GB**
VRAM**560 GB/s**
Memory Bandwidth**225 W**
TDP

PERFORMANCE METRICS

Precision	Peak TFLOPS	Bits	Type
INT8	78.8	8	Standard
FP16	39.4	16	Standard
FP32	19.7	32	Standard
FP64	0.3	64	Standard

MEMORY SPECIFICATIONS

Capacity	16 GB
Type	—
Bandwidth	560 GB/s
Interface Width	—

POWER & EFFICIENCY

TDP	225 W
Est. Max Power	259 W
FP32 Efficiency	0.09 TFLOPS/W
FP16 Efficiency	0.18 TFLOPS/W

HARDWARE DETAILS

Vendor: Intel	Architecture: Alchemist	Process Node: 6nm
Form Factor: PCIe	Launch Year: 2022	Variant: 16GB