

NVIDIA V100S PCIe 32GB

Volta PCIe 2020 12nm

OVERVIEW

16.4
FP32 TFLOPS

32 GB
VRAM HBM2

1.1 TB/s
Memory Bandwidth

250 W
TDP

PERFORMANCE METRICS

Precision	Peak TFLOPS	Bits	Type
FP16	130.0	16	Standard
FP32	16.4	32	Standard
FP64	8.2	64	Standard

MEMORY SPECIFICATIONS

Capacity	32 GB
Type	HBM2
Bandwidth	1.1 TB/s
Interface Width	—

POWER & EFFICIENCY

TDP	250 W
Est. Max Power	288 W
FP32 Efficiency	0.07 TFLOPS/W
FP16 Efficiency	0.52 TFLOPS/W

HARDWARE DETAILS

Vendor: NVIDIA	Architecture: Volta	Process Node: 12nm
Form Factor: PCIe	Launch Year: 2020	Variant: PCIe 32GB