

NVIDIA P100 PCIe 16GB

Pascal PCIe 2016

OVERVIEW

9.3

FP32 TFLOPS

16 GB

VRAM HBM2

732 GB/s

Memory Bandwidth

250 W

TDP

PERFORMANCE METRICS

Precision	Peak TFLOPS	Bits	Type
FP16	18.7	16	Standard
FP32	9.3	32	Standard
FP64	4.7	64	Standard

MEMORY SPECIFICATIONS

Capacity	16 GB
Type	HBM2
Bandwidth	732 GB/s
Interface Width	4096-bit

POWER & EFFICIENCY

TDP	250 W
Est. Max Power	288 W
FP32 Efficiency	0.04 TFLOPS/W
FP16 Efficiency	0.07 TFLOPS/W

HARDWARE DETAILS

Vendor: NVIDIA	Architecture: Pascal	Process Node: —
Form Factor: PCIe	Launch Year: 2016	Variant: PCIe 16GB