

# NVIDIA P100 SXM2 16GB

Pascal SXM 2016 16nm

## OVERVIEW

**10.6**  
FP32 TFLOPS

**16 GB**  
VRAM HBM2

**732 GB/s**  
Memory Bandwidth

**300 W**  
TDP

## PERFORMANCE METRICS

Precision	Peak TFLOPS	Bits	Type
FP16	21.2	16	Standard
FP32	10.6	32	Standard
FP64	5.3	64	Standard

## MEMORY SPECIFICATIONS

Capacity	16 GB
Type	HBM2
Bandwidth	732 GB/s
Interface Width	—

## POWER & EFFICIENCY

TDP	300 W
Est. Max Power	345 W
FP32 Efficiency	0.04 TFLOPS/W
FP16 Efficiency	0.07 TFLOPS/W

## HARDWARE DETAILS

Vendor: NVIDIA	Architecture: Pascal	Process Node: 16nm
Form Factor: SXM	Launch Year: 2016	Variant: SXM2 16GB