NVIDIA V100S PCIe 32GB vs Rebellions ATOM-Max

Side by side datacenter GPU specifications from the Flopper.io database.

OVERVIEW

	NVIDIA V100S PCIe 32GB	Rebellions ATOM-Max
FP32 TFLOPS	**16.4**	**—**
Memory	**32 GB**	**64 GB**
Memory Bandwidth	**1.1 TB/s**	**1.0 TB/s**
TDP	**250 W**	**350 W**

PERFORMANCE BY PRECISION

Precision	NVIDIA V100S PCIe 32GB peak TFLOPS (dense)	Rebellions ATOM-Max peak TFLOPS (dense)
FP64	8.2	—
FP32	16.4	—
TF32	—	—
BF16	—	—
FP16	130.0	128.0
FP8	—	—
FP6	—	—
FP4	—	—
INT8	—	512.0
INT4	—	1024.0

SPECIFICATIONS

	NVIDIA V100S PCIe 32GB	Rebellions ATOM-Max
Architecture	Volta	ATOM
Process Node	12nm	—
Launch Year	2020	2024
Form Factor	PCIe	PCIe
Memory Type	HBM2	GDDR6
Interface Width	—	—

	NVIDIA V100S PCIe 32GB	Rebellions ATOM-Max
Interconnect	–	MCIO
TDP	250 W	350 W
FP32 Efficiency	0.07 TFLOPS/W	–