Kunlunxin R200-8F vs NVIDIA V100S PCIe 32GB

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

OVERVIEW

	Kunlunxin R200-8F	NVIDIA V100S PCIe 32GB
FP32 TFLOPS	**32.0**	**16.4**
Memory	**32 GB**	**32 GB**
Memory Bandwidth	**512 GB/s**	**1.1 TB/s**
TDP	**160 W**	**250 W**

PERFORMANCE BY PRECISION

Precision	Kunlunxin R200-8F peak TFLOPS (dense)	NVIDIA V100S PCIe 32GB peak TFLOPS (dense)
FP64	—	8.2
FP32	32.0	16.4
TF32	—	—
BF16	—	—
FP16	128.0	130.0
FP8	—	—
FP6	—	—
FP4	—	—
INT16	128.0	—
INT8	256.0	—

SPECIFICATIONS

	Kunlunxin R200-8F	NVIDIA V100S PCIe 32GB
Architecture	XPU-R	Volta
Process Node	7nm	12nm
Launch Year	—	2020
Form Factor	PCIe	PCIe
Memory Type	GDDR6	HBM2
Interface Width	—	—

	Kunlunxin R200-8F	NVIDIA V100S PCIe 32GB
Interconnect	—	—
TDP	160 W	250 W
FP32 Efficiency	0.20 TFLOPS/W	0.07 TFLOPS/W