Huawei Atlas 300I Duo 48GB vs NVIDIA RTX A5500 24GB

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

OVERVIEW

	Huawei Atlas 300I Duo 48GB	NVIDIA RTX A5500 24GB
FP32 TFLOPS	—	**34.1**
Memory	**48 GB**	**24 GB**
Memory Bandwidth	**408 GB/s**	**768 GB/s**
TDP	**150 W**	**230 W**

PERFORMANCE BY PRECISION

Precision	Huawei Atlas 300I Duo 48GB peak TFLOPS (dense)	NVIDIA RTX A5500 24GB peak TFLOPS (dense)
FP64	—	0.5
FP32	—	34.1
TF32	—	—
BF16	—	—
FP16	140.0	—
FP8	—	—
FP6	—	—
FP4	—	—
INT8	280.0	—

SPECIFICATIONS

	Huawei Atlas 300I Duo 48GB	NVIDIA RTX A5500 24GB
Architecture	Da Vinci	Ampere
Process Node	—	8nm
Launch Year	2022	2022
Form Factor	PCIe	PCIe
Memory Type	LPDDR4X	GDDR6
Interface Width	—	384-bit
Interconnect	—	NVLink

	Huawei Atlas 300I Duo 48GB	NVIDIA RTX A5500 24GB
TDP	150 W	230 W
FP32 Efficiency	–	0.15 TFLOPS/W