



Huawei Ascend 910A vs Huawei Atlas 300I Duo 48GB

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

OVERVIEW

	Huawei Ascend 910A	Huawei Atlas 300I Duo 48GB
FP32 TFLOPS	16.0	—
VRAM	32 GB	48 GB
Memory Bandwidth	1.2 TB/s	408 GB/s
TDP	310 W	150 W

PERFORMANCE BY PRECISION

Precision	Huawei Ascend 910A peak TFLOPS (dense)	Huawei Atlas 300I Duo 48GB peak TFLOPS (dense)
FP64	—	—
FP32	16.0	—
TF32	—	—
BF16	—	—
FP16	256.0	140.0
FP8	—	—
FP6	—	—
FP4	—	—
INT8	512.0	280.0

SPECIFICATIONS

	Huawei Ascend 910A	Huawei Atlas 300I Duo 48GB
Architecture	Da Vinci	Da Vinci
Process Node	TSMC 7nm	—
Launch Year	2019	2022
Form Factor	OAM	PCIe
Memory Type	HBM2	LPDDR4X
Interface Width	—	—
Interconnect	HCCS	—

	Huawei Ascend 910A	Huawei Atlas 300I Duo 48GB
TDP	310 W	150 W
FP32 Efficiency	0.05 TFLOPS/W	—