



Huawei Ascend 310 vs Huawei Atlas 300I Duo 48GB

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

OVERVIEW

	Huawei Ascend 310	Huawei Atlas 300I Duo 48GB
FP32 TFLOPS	—	—
VRAM	—	48 GB
Memory Bandwidth	—	408 GB/s
TDP	8 W	150 W

PERFORMANCE BY PRECISION

Precision	Huawei Ascend 310 peak TFLOPS (dense)	Huawei Atlas 300I Duo 48GB peak TFLOPS (dense)
FP64	—	—
FP32	—	—
TF32	—	—
BF16	—	—
FP16	8.0	140.0
FP8	—	—
FP6	—	—
FP4	—	—
INT8	16.0	280.0

SPECIFICATIONS

	Huawei Ascend 310	Huawei Atlas 300I Duo 48GB
Architecture	Da Vinci	Da Vinci
Process Node	12nm	—
Launch Year	2018	2022
Form Factor	SoC	PCIe
Memory Type	LPDDR4X	LPDDR4X
Interface Width	128-bit	—
Interconnect	—	—

	Huawei Ascend 310	Huawei Atlas 300I Duo 48GB
TDP	8 W	150 W
FP32 Efficiency	—	—