Huawei Ascend 970 vs Huawei Atlas 350

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

OVERVIEW

	Huawei Ascend 970	Huawei Atlas 350
FP32 TFLOPS	–	–
Memory	288 GB	112 GB
Memory Bandwidth	14.4 TB/s	1.4 TB/s
TDP	–	600 W

PERFORMANCE BY PRECISION

Precision	Huawei Ascend 970 peak TFLOPS (dense)	Huawei Atlas 350 peak TFLOPS (dense)
FP64	–	–
FP32	–	–
TF32	–	–
BF16	2000.0	425.0
FP16	2000.0	425.0
FP8	4000.0	804.0
FP6	–	804.0
FP4	8000.0	1561.0
INT8	–	804.0

SPECIFICATIONS

	Huawei Ascend 970	Huawei Atlas 350
Architecture	Da Vinci v5	Da Vinci v3
Process Node	–	–
Launch Year	2028	2026
Form Factor	OAM	Custom
Memory Type	–	HiBL 1.0
Interface Width	–	–
Interconnect	Unified Bus 3.0	Unified Bus 2.0

	Huawei Ascend 970	Huawei Atlas 350
TDP	–	600 W
FP32 Efficiency	–	–