Huawei Ascend 960 vs Huawei Ascend 970

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

OVERVIEW

	Huawei Ascend 960	Huawei Ascend 970
FP32 TFLOPS	—	—
Memory	288 GB	288 GB
Memory Bandwidth	9.6 TB/s	14.4 TB/s
TDP	—	—

PERFORMANCE BY PRECISION

Precision	Huawei Ascend 960 peak TFLOPS (dense)	Huawei Ascend 970 peak TFLOPS (dense)
FP64	—	—
FP32	—	—
TF32	—	—
BF16	1000.0	2000.0
FP16	1000.0	2000.0
FP8	2000.0	4000.0
FP6	—	—
FP4	4000.0	8000.0
INT8	—	—

SPECIFICATIONS

	Huawei Ascend 960	Huawei Ascend 970
Architecture	Da Vinci v4 (chiplet)	Da Vinci v5
Process Node	—	—
Launch Year	2027	2028
Form Factor	OAM	OAM
Memory Type	—	—
Interface Width	—	—
Interconnect	Unified Bus 2.0	Unified Bus 3.0

	Huawei Ascend 960	Huawei Ascend 970
TDP	–	–
FP32 Efficiency	–	–