Huawei Ascend 950DT vs Huawei Ascend 970

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

OVERVIEW

	Huawei Ascend 950DT	Huawei Ascend 970
FP32 TFLOPS	**30.0**	**—**
Memory	**144 GB**	**288 GB**
Memory Bandwidth	**4.0 TB/s**	**14.4 TB/s**
TDP	**—**	**—**

PERFORMANCE BY PRECISION

Precision	Huawei Ascend 950DT peak TFLOPS (dense)	Huawei Ascend 970 peak TFLOPS (dense)
FP64	—	—
FP32	30.0	—
TF32	273.0	—
BF16	547.0	2000.0
FP16	547.0	2000.0
FP8	1034.0	4000.0
FP6	—	—
FP4	2007.0	8000.0
INT8	1034.0	—

SPECIFICATIONS

	Huawei Ascend 950DT	Huawei Ascend 970
Architecture	Da Vinci v3	Da Vinci v5
Process Node	—	—
Launch Year	2026	2028
Form Factor	OAM	OAM
Memory Type	HiZQ 2.0	—
Interface Width	—	—
Interconnect	Unified Bus 2.0	Unified Bus 3.0

	Huawei Ascend 950DT	Huawei Ascend 970
TDP	–	–
FP32 Efficiency	–	–