



Huawei Ascend 950PR vs Huawei Ascend 950DT

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

OVERVIEW

	Huawei Ascend 950PR	Huawei Ascend 950DT
FP32 TFLOPS	—	30.0
Memory	128 GB	144 GB
Memory Bandwidth	1.6 TB/s	4.0 TB/s
TDP	900 W	—

PERFORMANCE BY PRECISION

Precision	Huawei Ascend 950PR peak TFLOPS (dense)	Huawei Ascend 950DT peak TFLOPS (dense)
FP64	—	—
FP32	—	30.0
TF32	—	273.0
BF16	500.0	547.0
FP16	500.0	547.0
FP8	1000.0	1034.0
FP6	—	—
FP4	2000.0	2007.0
INT8	—	1034.0

SPECIFICATIONS

	Huawei Ascend 950PR	Huawei Ascend 950DT
Architecture	Da Vinci v3	Da Vinci v3
Process Node	—	—
Launch Year	2026	2026
Form Factor	OAM	OAM
Memory Type	HiBL 1.0	HiZQ 2.0
Interface Width	—	—
Interconnect	Unified Bus 2.0	Unified Bus 2.0

	Huawei Ascend 950PR	Huawei Ascend 950DT
TDP	900 W	—
FP32 Efficiency	—	—