Huawei Ascend 910B vs Huawei Ascend 950DT

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

OVERVIEW

	Huawei Ascend 910B	Huawei Ascend 950DT
FP32 TFLOPS	—	**30.0**
Memory	**64 GB**	**144 GB**
Memory Bandwidth	**1.6 TB/s**	**4.0 TB/s**
TDP	**400 W**	—

PERFORMANCE BY PRECISION

Precision	Huawei Ascend 910B peak TFLOPS (dense)	Huawei Ascend 950DT peak TFLOPS (dense)
FP64	—	—
FP32	—	30.0
TF32	—	273.0
BF16	400.0	547.0
FP16	400.0	547.0
FP8	—	1034.0
FP6	—	—
FP4	—	2007.0
INT8	800.0	1034.0

SPECIFICATIONS

	Huawei Ascend 910B	Huawei Ascend 950DT
Architecture	Da Vinci v2	Da Vinci v3
Process Node	SMIC 7nm	—
Launch Year	2024	2026
Form Factor	OAM	OAM
Memory Type	HBM2e	HiZQ 2.0
Interface Width	—	—
Interconnect	HCCS	Unified Bus 2.0

	Huawei Ascend 910B	Huawei Ascend 950DT
TDP	400 W	–
FP32 Efficiency	–	–