Huawei Ascend 950PR vs Huawei Ascend 960

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

OVERVIEW

	Huawei Ascend 950PR	Huawei Ascend 960
FP32 TFLOPS	—	—
Memory	128 GB	288 GB
Memory Bandwidth	1.6 TB/s	9.6 TB/s
TDP	900 W	—

PERFORMANCE BY PRECISION

Precision	Huawei Ascend 950PR peak TFLOPS (dense)	Huawei Ascend 960 peak TFLOPS (dense)
FP64	—	—
FP32	—	—
TF32	—	—
BF16	500.0	1000.0
FP16	500.0	1000.0
FP8	1000.0	2000.0
FP6	—	—
FP4	2000.0	4000.0
INT8	—	—

SPECIFICATIONS

	Huawei Ascend 950PR	Huawei Ascend 960
Architecture	Da Vinci v3	Da Vinci v4 (chiplet)
Process Node	—	—
Launch Year	2026	2027
Form Factor	OAM	OAM
Memory Type	HiBL 1.0	—
Interface Width	—	—
Interconnect	Unified Bus 2.0	Unified Bus 2.0

	Huawei Ascend 950PR	Huawei Ascend 960
TDP	900 W	–
FP32 Efficiency	–	–