Huawei Ascend 910C vs Huawei Atlas 350

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

OVERVIEW

	Huawei Ascend 910C	Huawei Atlas 350
FP32 TFLOPS	**50.0**	**—**
Memory	**128 GB**	**112 GB**
Memory Bandwidth	**3.2 TB/s**	**1.4 TB/s**
TDP	**600 W**	**600 W**

PERFORMANCE BY PRECISION

Precision	Huawei Ascend 910C peak TFLOPS (dense)	Huawei Atlas 350 peak TFLOPS (dense)
FP64	—	—
FP32	50.0	—
TF32	—	—
BF16	800.0	425.0
FP16	800.0	425.0
FP8	—	804.0
FP6	—	804.0
FP4	—	1561.0
INT8	1600.0	804.0

SPECIFICATIONS

	Huawei Ascend 910C	Huawei Atlas 350
Architecture	Da Vinci v2 (dual-die)	Da Vinci v3
Process Node	SMIC 7nm	—
Launch Year	2025	2026
Form Factor	OAM	Custom
Memory Type	HBM2e	HiBL 1.0
Interface Width	—	—
Interconnect	Unified Bus (UB)	Unified Bus 2.0

	Huawei Ascend 910C	Huawei Atlas 350
TDP	600 W	600 W
FP32 Efficiency	0.08 TFLOPS/W	–