# Huawei Ascend 950DT vs Huawei Ascend 960

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

## OVERVIEW

| | Huawei Ascend 950DT | Huawei Ascend 960 |
|---|---|---|
| FP32 TFLOPS | **30.0** | **—** |
| Memory | **144 GB** | **288 GB** |
| Memory Bandwidth | **4.0 TB/s** | **9.6 TB/s** |
| TDP | **—** | **—** |

## PERFORMANCE BY PRECISION

| Precision | Huawei Ascend 950DT peak TFLOPS (dense) | Huawei Ascend 960 peak TFLOPS (dense) |
|---|---|---|
| FP64 | — | — |
| FP32 | 30.0 | — |
| TF32 | 273.0 | — |
| BF16 | 547.0 | 1000.0 |
| FP16 | 547.0 | 1000.0 |
| FP8 | 1034.0 | 2000.0 |
| FP6 | — | — |
| FP4 | 2007.0 | 4000.0 |
| INT8 | 1034.0 | — |

## SPECIFICATIONS

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

| | Huawei Ascend 950DT | Huawei Ascend 960 |
|---|---|---|
| TDP | – | – |
| FP32 Efficiency | – | – |