



# Huawei Atlas 300I Duo 96GB

Da Vinci PCIe 2022

## OVERVIEW

|                  |                       |                              |              |
|------------------|-----------------------|------------------------------|--------------|
| —<br>FP32 TFLOPS | 96 GB<br>VRAM LPDDR4X | 408 GB/s<br>Memory Bandwidth | 150 W<br>TDP |
|------------------|-----------------------|------------------------------|--------------|

## PERFORMANCE METRICS

| Precision | Peak TFLOPS | Bits | Type     |
|-----------|-------------|------|----------|
| INT8      | 280.0       | 8    | Standard |
| FP16      | 140.0       | 16   | Standard |

## MEMORY SPECIFICATIONS

|                 |          |
|-----------------|----------|
| Capacity        | 96 GB    |
| Type            | LPDDR4X  |
| Bandwidth       | 408 GB/s |
| Interface Width | —        |

## POWER & EFFICIENCY

|                 |               |
|-----------------|---------------|
| TDP             | 150 W         |
| Est. Max Power  | 173 W         |
| FP32 Efficiency | —             |
| FP16 Efficiency | 0.93 TFLOPS/W |

## HARDWARE DETAILS

|                   |                        |                 |
|-------------------|------------------------|-----------------|
| Vendor: Huawei    | Architecture: Da Vinci | Process Node: — |
| Form Factor: PCIe | Launch Year: 2022      | Variant: 96GB   |

## INTERCONNECT

PCIe: 4.0 x16

## CHIP DESIGN

Chiplets: 2 (2x Ascend 310P)

## ENTERPRISE FEATURES

ECC: Yes