



Tenstorrent Wormhole n300s

Wormhole PCIe 2024

OVERVIEW

— FP32 TFLOPS	24 GB VRAM GDDR6	576 GB/s Memory Bandwidth	300 W TDP
------------------	---------------------	------------------------------	--------------

PERFORMANCE METRICS

Precision	Peak (dense)	Bits	Type
FP64	—	—	Standard
FP32	—	—	Standard
TF32	—	—	Standard
BF16	—	—	Standard
FP16	131.0	16	Standard
FP8	466.0	8	Standard
FP6	—	—	Standard
FP4	—	—	Standard
INT8	—	—	Standard

MEMORY SPECIFICATIONS

Capacity	24 GB
Type	GDDR6
Bandwidth	576 GB/s
Interface Width	—

POWER & EFFICIENCY

TDP	300 W
Max Power	300 W
FP32 Efficiency	—
FP16 Efficiency	0.44 TFLOPS/W

HARDWARE DETAILS

Vendor: Tenstorrent	Architecture: Wormhole	Process Node: —
Form Factor: PCIe	Launch Year: 2024	Variant: n300s

COMPUTE ENGINE

Tensix: 128	Boost Clock: 1.00 GHz
-------------	-----------------------

INTERCONNECT

GPU-to-GPU: 2x QSFP-DD 200G	PCIe: 4.0 x16
-----------------------------	---------------

ENTERPRISE FEATURES

Sparsity: No
