

# AMD Instinct MI300X 192GB

CDNA 3 OAM 2023 5nm FinFET

## OVERVIEW

**163.4**

FP32 TFLOPS

**192 GB**

VRAM

**5.3 TB/s**

Memory Bandwidth

**750 W**

TDP

## PERFORMANCE METRICS

Precision	Peak TFLOPS	Bits	Type
INT8	2614.9	8	Standard
FP8	2614.9	8	Standard
FP16	1307.4	16	Standard
BF16	1307.4	16	Standard
TF32	653.7	32	Standard
FP32	163.4	32	Standard
FP64	81.7	64	Standard

## MEMORY SPECIFICATIONS

Capacity	192 GB
Type	—
Bandwidth	5.3 TB/s
Interface Width	—

## POWER & EFFICIENCY

TDP	750 W
Est. Max Power	862 W
FP32 Efficiency	0.22 TFLOPS/W
FP16 Efficiency	1.74 TFLOPS/W

## HARDWARE DETAILS

Vendor: AMD	Architecture: CDNA 3	Process Node: 5nm FinFET
Form Factor: OAM	Launch Year: 2023	Variant: 192GB