



NVIDIA Groq 3 LPU vs Groq GroqChip 1

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

OVERVIEW

	NVIDIA Groq 3 LPU	Groq GroqChip 1
FP32 TFLOPS	—	—
Memory	—	—
Memory Bandwidth	—	—
TDP	—	215 W

PERFORMANCE BY PRECISION

Precision	NVIDIA Groq 3 LPU peak TFLOPS (dense)	Groq GroqChip 1 peak TFLOPS (dense)
FP64	—	—
FP32	—	—
TF32	—	—
BF16	—	—
FP16	—	188.0
FP8	1200.0	—
FP6	—	—
FP4	—	—
INT8	—	750.0

SPECIFICATIONS

	NVIDIA Groq 3 LPU	Groq GroqChip 1
Architecture	Groq LPU	Tensor Streaming Processor
Process Node	—	14nm
Launch Year	2026	2019
Form Factor	—	PCIe
Memory Type	On-die SRAM	On-die SRAM
Interface Width	—	—
Interconnect	LPU C2C	RealScale

	NVIDIA Groq 3 LPU	Groq GroqChip 1
TDP	—	215 W
FP32 Efficiency	—	—