

SOPHGO SC11 FP300

PCIe

2024

OVERVIEW

—	256 GB	1.1 TB/s	—
FP32 TFLOPS	Memory LPDDR5X	Memory Bandwidth	TDP

PERFORMANCE METRICS

Precision	Peak (dense)	Bits	Type
FP64	—	—	Standard
FP32	—	32	Standard
TF32	—	32	Standard
BF16	—	16	Standard
FP16	—	16	Standard
FP8	—	8	Standard
FP6	—	—	Standard
FP4	—	—	Standard
INT8	—	8	Standard

MEMORY SPECIFICATIONS

Capacity	256 GB
Type	LPDDR5X
Bandwidth	1.1 TB/s
Interface Width	—

POWER & EFFICIENCY

TDP	—
Max power	300 W
FP32 dense TFLOPS per W of TDP	—
FP16 dense TFLOPS per W of TDP	—
Per W of TDP figures divide dense peak by accelerator TDP. Board power only: excludes host CPUs, networking, cooling and facility overhead.	

HARDWARE DETAILS

Vendor: SOPHGO	Architecture: —	Process Node: —
Form Factor: PCIe	Launch Year: 2024	

INTERCONNECT

GPU-to-GPU: SG-Link	Bandwidth: 256 GB/s	PCIe: 5.0
direction and scope not stated by vendor		

ENTERPRISE FEATURES

ECC: Yes
