

Graphcore Bow IPU

Colossus MK2

2022

OVERVIEW

87.3 FP32 TFLOPS	— Memory On-die SRAM	— Memory Bandwidth	— TDP
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PERFORMANCE METRICS

Precision	Peak (dense)	Bits	Type
FP64	—	—	Standard
FP32	87.3	32	Standard
TF32	—	—	Standard
BF16	—	—	Standard
FP16	350.0	16	Standard
FP8	—	—	Standard
FP6	—	—	Standard
FP4	—	—	Standard
INT8	—	—	Standard

MEMORY SPECIFICATIONS

Capacity	—
Type	On-die SRAM
Bandwidth	—
Interface Width	—

POWER & EFFICIENCY

TDP	—
Max power	—
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: Graphcore	Architecture: Colossus MK2	Process Node: —
Form Factor: —	Launch Year: 2022	

COMPUTE ENGINE

IPU-Cores: 1,472	Base Clock: 1.85 GHz
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