

Rebellions ATOM-Max

ATOM

PCIe

2024

OVERVIEW

— FP32 TFLOPS	64 GB Memory GDDR6	1.0 TB/s Memory Bandwidth	350 W TDP
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PERFORMANCE METRICS

Precision	Peak (dense)	Bits	Type
FP64	—	—	Standard
FP32	—	—	Standard
TF32	—	—	Standard
BF16	—	—	Standard
FP16	128.0	16	Standard
FP8	—	—	Standard
FP6	—	—	Standard
FP4	—	—	Standard
INT8	512.0	8	Standard
INT4	1024.0	4	Standard

MEMORY SPECIFICATIONS

Capacity	64 GB
Type	GDDR6
Bandwidth	1.0 TB/s
Interface Width	—

POWER & EFFICIENCY

TDP	350 W
Max power	350 W
FP32 dense TFLOPS per W of TDP	—
FP16 dense TFLOPS per W of TDP	0.37 TFLOPS/W
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: Rebellions	Architecture: ATOM	Process Node: —
Form Factor: PCIe	Launch Year: 2024	

INTERCONNECT

