



QCT QuantaGrid D74F-7U

8x H200 Hopper rack

OVERVIEW

—	1.1 TB	—	—
Peak Dense	Aggregate Memory	Aggregate Bandwidth	Aggregate Power

CONFIGURATION

Accelerator	H200 SXM 141GB
Count	8
Memory per GPU	141 GB
Bandwidth per GPU	4.8 TB/s

POWER & EFFICIENCY

Aggregate Power	—
TDP per GPU	700 W
Efficiency	—
Aggregate Bandwidth	—

SYSTEM DETAILS

Vendor: QCT	Family: QuantaGrid	Architecture: Hopper
Form Factor: rack	Release Year: —	Process Node: 4nm

INTERCONNECT

One NVIDIA HGX H200 baseboard connecting the eight GPUs at 900 GB/s over NVLink; one BlueField-3 DPU, with ten OCP 3.0 TSFF PCIe Gen5 x16 slots in place of the D75F's internal slots

NOTES

The OCP-slot variant of QCT's 7U Hopper machine, carrying the same eight NVIDIA HGX H200 GPUs at 900 GB/s over NVLink and the same 1.1 TB of aggregate high-bandwidth memory as the D75F-7U. The differences are in I/O and packaging: one BlueField-3 DPU rather than two, ten OCP 3.0 TSFF PCIe Gen 5 slots, a shorter 886 mm chassis, and three-plus-three 4,000 W Titanium supplies. QCT quotes the same over 32 petaflops of FP8 figure, which is not shown here for the same reason as on the D75F: the basis is unstated and cannot be settled. Power figures are supply capacity, not draw.