

GPU SELECTION GUIDE / BLACKWELL

The exact edition matters.

Manufacturer specifications. Capacity is per GPU; board power is not total system power. Confirm the exact part number, condition, qualified host and warranty before ordering.

GPU / edition	Memory	Bandwidth	Power / cooling
RTX PRO 6000 Blackwell Server Edition NVIDIA source ↗	96 GB GDDR7 ECC	1,597 GB/s	400-600 W Passive air; liquid SKU available
RTX PRO 6000 Blackwell Workstation Edition NVIDIA source ↗	96 GB GDDR7 ECC	1,792 GB/s	600 W Double flow-through
RTX PRO 6000 Blackwell Max-Q Workstation Edition NVIDIA source ↗	96 GB GDDR7 ECC	1,792 GB/s	300 W Active
RTX PRO 5000 Blackwell 48 GB Workstation NVIDIA source ↗	48 GB GDDR7 ECC	1,344 GB/s	300 W Active
RTX PRO 5000 Blackwell 72 GB Workstation NVIDIA source ↗	72 GB GDDR7 ECC	1,344 GB/s	300 W Active
RTX PRO 4500 Blackwell Server Edition NVIDIA source ↗	32 GB GDDR7 ECC	800 GB/s	165 W Passive
RTX PRO 4500 Blackwell Workstation Edition NVIDIA source ↗	32 GB GDDR7 ECC	896 GB/s	200 W Active
RTX PRO 4000 Blackwell Workstation NVIDIA source ↗	24 GB GDDR7 ECC	672 GB/s	145 W Active
RTX PRO 4000 Blackwell SFF Edition NVIDIA source ↗	24 GB GDDR7 ECC	432 GB/s	70 W Active
RTX PRO 2000 Blackwell Compact workstation NVIDIA source ↗	16 GB GDDR7 ECC	288 GB/s	70 W Active

GPU SELECTION GUIDE / DATA CENTER & LIFECYCLE

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GPU / edition	Memory	Bandwidth	Power / cooling
NVIDIA H200 NVL PCIe NVIDIA source ↗	141 GB HBM3e	4.8 TB/s	Up to 600 W Passive; qualified server airflow
NVIDIA H200 SXM / HGX platform NVIDIA source ↗	141 GB HBM3e	4.8 TB/s	Up to 700 W Platform-integrated air or liquid
NVIDIA L40S Data-center accelerator NVIDIA source ↗	48 GB GDDR6 ECC	864 GB/s	350 W Passive
NVIDIA L4 Low-profile server accelerator NVIDIA source ↗	24 GB GDDR6	300 GB/s	72 W Passive
RTX 6000 Ada Generation Workstation NVIDIA source ↗	48 GB GDDR6 ECC	960 GB/s	300 W Active
NVIDIA RTX A6000 Ampere workstation NVIDIA source ↗	48 GB GDDR6 ECC	768 GB/s	300 W Active

[Explore details and compare GPUs at NexTec ↗](#)

Naming and platform notes

RTX PRO 6000 Max-Q is a desktop Workstation Edition. RTX 6000 Ada and RTX A6000 are different generations. H200 SXM requires HGX; H200 NVL uses PCIe and supported NVLink bridge groups. The 4000 SFF and 2000 Blackwell desktop cards use PCIe 5.0 x8 electrical links.