

NVIDIA® 2000 Ada Generation

SPECIFICATIONS

| | |
|---------------------------------------|----------------------------------|
| Product | NVIDIA RTX 2000 Ada |
| Architecture | NVIDIA Ada Lovelace Architecture |
| Process Size | 4nm NVIDIA Custom Process TSMC |
| Transistors | 19.9 Billion |
| Die Size | 159 mm ² |
| CUDA Cores | 2816 |
| Tensor Cores | 88 Gen 4 |
| RT Cores | 22 Gen 3 |
| GPU Memory | 16 GB GDDR6 |
| Memory Interface | 128-bit |
| Memory Bandwidth | 224 GB/s |
| Display Connectors | 4x Mini DisplayPort 1.4a |
| Max simultaneous displays | 4x 5K at 60 Hz 2x 8K at 60 Hz |
| Form Factor | 2.7" H x 6.6" L Dual Slot |
| Thermal Solution | Active |
| Maximum Power Consumption | 70 W |
| Secure Boot with Root of Trust | Supported |

*Preliminary specifications only (subject to change).