

Datasheet

NVIDIA DGX Spark

[Ver. 1.0]

Highlights at a glance:

- **GPU architecture:** NVIDIA Grace Blackwell
- **Tensor computing units:** 5th generation
- **RT computing units:** 4th generation
- **Tensor performance:** 1,000 AI TOPS
- **CUDA computing units:** Blackwell generation
- **CPU:** 10x ARM Cortex-X925 + 10x ARM Cortex-A725
- **Memory:** 128 GB LPDDR5x, unified system memory
- **Memory interface:** 256 bit
- **Memory bandwidth:** 273 GB/s
- **Data storage:** 4 TB NVMe.M2 with self-encryption
- **USB:** 4 x USB4 Type-C (up to 40 GB/s)
- **Ethernet:** 1 x RJ45 connection 10 GbE
- **NIC:** ConnectX-7 Smart NIC
- **WLAN:** WiFi 7
- **Bluetooth:** BT 5.3
- **Energy consumption:** 170 watts
- **Display connections:** 1x HDMI 2.1a
- **NVENC | NVDEC:** 1x | 1x
- **Operating system:** NVIDIA DGX™ Base OS, Ubuntu Linux
- **Dimensions:** 150 mm x 150 mm x 50.5 mm (LxWxH)
- **Weight:** 1.2 kg

