# Jetson Orin Nano Super

## Compact supercomputer for next-generation AI development

| Category | Specification |
|---|---|
| AI Performance | 67 TOPS |
| GPU | NVIDIA Ampere architecture, 1024 CUDA cores, 32 Tensor Cores |
| CPU | 6-core Arm Cortex-A78AE v8.2 64-bit (1.5MB L2 + 4MB L3) |
| Memory | 8GB 128-bit LPDDR5 (102GB/s) |
| Storage Support | SD card slot, external NVMe |
| Video Encode | 1080p30 (1–2 CPU cores) |
| Video Decode | 1× 4K60 (H.265), 2× 4K30 (H.265), 5× 1080p60 (H.265), 11× 1080p30 (H.265) |
| Power Consumption | 7W–25W |
| Camera Interfaces | 2× MIPI CSI-2 (22-pin) |
| PCIe / Expansion | M.2 Key M (x4 PCIe Gen3), M.2 Key M (x2 PCIe Gen3), M.2 Key E |
| USB | 4× USB 3.2 Gen2 Type-A, USB Type-C (UFP) |
| Networking | 1× Gigabit Ethernet |
| Display Output | 1× DisplayPort 1.2 (+ MST) |
| Other I/O | 40-pin header (UART, SPI, I2S, I2C, GPIO), 12-pin button header, 4-pin fan header |
| Power Input | DC power jack |
| Mechanical Dimensions | 103 mm × 90.5 mm × 34.77 mm |
| Included – Power Supply | DC power adapter |
| Included – Wireless | 802.11ac/ab/gn Wi-Fi NIC |