

The following table contains details of the NVIDIA Mission Control 1.2.1 General Availability Bill of Materials:

	Software Package	Components	Software Component Versions	Deployment Target
Nvidia Mission Control 1.2 General Availability (GA)	DGX OS -7.1.0 Image-Included with NVIDIA Base Command Manager (BCM) 11.25.05	DGX OS	<a href="#">DGX OS 7.1</a>	DGX Nodes
		Ubuntu	24.04.1	
		Kernel	<a href="#">x86_64: 6.8.0-58-generic</a>	
		GPU Driver	<a href="#">arm64: 6.8.0-1025-nvidia-64k</a>	
		DCGM	<a href="#">x86_64: 4.2.3</a>	
		NVSM	<a href="#">arm64: 4.2.3</a>	
		nvidia-container-toolkit	1.17.8	
		DOCA OFED	<a href="#">x86_64: 2.9.1-3.0.2</a> <a href="#">arm64: 2.10.0-093509</a>	
Nvidia Mission Control 1.2 General Availability (GA)	NVIDIA Base Command Manager (BCM)	<b>BCM</b>	<b>11.25.05</b>	Head Nodes
		Ubuntu	24.04.1	Head & CPU Nodes
		DOCA OFED	<a href="#">x86_64: 2.9.1-3.0.2</a> <a href="#">arm64: 2.10.0-093509</a>	
		<b>Slurm</b>	24.11	Slurm Login & DGX Nodes
		Pyxis	0.20.0	
		Enroot	3.5.0	
		<b>Kubernetes</b>	1.32	Kubernetes & DGX Nodes
		GPU Operator	25.3.0	
		Network Operator	25.1.0	
		MetalLB	0.14.9	
		Kubeflow training operator	v1.7	
		MPI Operator	v0.6.0	
		Prometheus	3.4.1	Kubernetes Nodes
		Grafana	11.5.2	
		Slurm Exporter	0.2	Slurm Login Nodes
		Node Exporter	1.9.0	Head Nodes
Calico	3.29.3	Kubernetes & DGX Nodes		
Autonomous Hardware Recovery	Shoreline		28.1.99	
Observability Stack	NMC Grafana Visualizations		25.07.01	
	Loki		3.5.0	
	Prometheus (via BCM)		3.4.1	
	Grafana (via BCM)		12.0.0-security-01	
	Node Exporter (via BCM)		1.9.1	
	DCGM Exporter		4.2.3-4.1.1	
	Promtail		3.0.0	All Nodes

NVIDIA DGX GB200 NVL72 Systems R	Compute Firmware	Compute FW Compute BMC Bundle Compute HMC Bundle	1.0.00	DGX Nodes
	PowerShelf	PSU PMC	104 3.1.3	PSU
	NVSwitch Firmware	BMC Bundle (BMC+FPGA+ERoT) SBIOS Bundle (SBIOS+ERoT) Switch CPLD Bundle ONIE	88.0002.0956 BIOS 0ACTV_00.01.012 5.3.0013	NVSwitch
	NVSwitch NVOS	NVOS package SM GFM NMX-C NMX-T QM3	25.02.2141 2025.03.6 R570.133.15 1.0.0_2025-04-11_15-23 1.0.4_2025-03-25 35.2014.1698	NVSwitch
	NVIDIA NMX Manager	NMX-M (HA)	85.1.2000	NMX-M Nodes
	Quantum (InfiniBand) Switches	MLNX OS version	3.12.2002	Quantum (IB) Switches
	Compute nodes equipped with CX7 network interface cards	ConnectX7(CX7)	28.44.2506	All Nodes
	Compute nodes equipped with BlueField-3 DPUs	BlueField-3 (BF3) NIC	32_44_1600	
		BlueField-3 (BF3) BFB	2.10.0-150	
	Software packages required on all compute nodes to manage and interface with NICs and DPUs.	DOCA_Host	2.10.0-093506	
		MFT	4.31.0-6012	
	Spectrum (Ethernet) Switches	Cumulus OS	5.11.0.0026	Spectrum (Ethernet) Switches
	Unified Fabric Manager (UFM) Appliance	UFM HA/Appliance	<a href="#">1.10.1</a>	UFM appliance