

The following table contains details of the NVIDIA Mission Control 2.0.0 General Availability bill of materials for GB200 NVL72 Systems.

	Software Package	Components	Software Component Versions	Deployment Target	
Nvidia Mission Control 2.0.0 for GB200 NVL72 Systems - Software Components	DGX OS -7.2.1 Image-Included with NVIDIA Base Command Manager (BCM) 11.25.08	DGX OS	DGX OS 7.2.1	DGX Nodes	
		Ubuntu	24.04.1		
		Kernel	x86_64: 6.8.0-60-generic arm64: 6.11.0-1011-nvidia-64k		
		GPU Driver	R570TRDS (570.172.08)		
		DCGM	4.4.0		
		NVSM	25.03.08		
		nvidia-container-toolkit	1.17.8		
		nvfwupdate	2.0.7		
			x86_64: 2.9.1-3.0.2 arm64: 2.10.0-093520		
	NVIDIA Base Command Manager (BCM)	BCM		11.25.08	Head Nodes
		Ubuntu		24.04.1	Head & CPU Nodes
		Slurm		24.11	Slurm Login & DGX Nodes
		Pyxis		0.20.0	
		Enroot		3.5.0	
Kubernetes			1.32	Kubernetes & DGX Nodes	
GPU Operator			25.3.2		
Network Operator			25.4.0		
MetalLB			0.15.2		
Kubeflow training operator			1.9.1		
MPI Operator			v0.6.0		
Prometheus			3.5.0	Kubernetes Nodes	
Grafana			12.1.0		
Slurm Exporter			0.2	Slurm Login Nodes	
Node Exporter			1.9.1	Head Nodes	
Calico		3.30.2	Kubernetes & DGX Nodes		
NVIDIA Run:ai	NVIDIA Run: ai		2.22		
	knative		1.18.1		
	knative-kourier		1.18.0		
Autonomous Recovery Engine (ARE)	autonomous job recovery		1.3.1		
	autonomous hardware recovery		28.4.107		
	NVIDIA Resiliency Extension (NVRx)		0.4.1		
Telemetry/Observability Stack	NMC Grafana Visualizations		26.0.0	All Nodes	
	Loki		6.36.1		
	Prometheus (via BCM)		3.5.0		
	Grafana (via BCM)		12.0.2		
	Node Exporter (via BCM)		1.9.1		
	DCGM Exporter		4.2.3-4.1.1		
	Promtail		3.5.1		
Compute Firmware	Compute FW			DGX Nodes	
	Compute BMC Bundle				
	Compute HMC Bundle		1.2.2		
PowerShelf	PSU		104	PSU	
	PMC		3.1.3		
NVSwitch Firmware	BMC Bundle (BMC+PPGA+ERoT)		88.0002.1139	NVSwitch	
	SBIOS Bundle (SBIOS+ERoT)		BIOS 0ACTV_00.01.022		
	Switch CPLD Bundle		FUI000478 OPN		
NVSwitch NVOS	NVOS package		25.02.2344	NVSwitch	
	SM		2025.03.9		
	GFM		R570.158.09		
	NMX-C		1.0.0_2025-07-04_23-21		
	NMX-T		1.2.0		
	QM3		35.2014.1750		
NVIDIA NMX Manager	NMX-M (HA)		85.1.2000	NMX-M Nodes	
Quantum (InfiniBand) Switches	MLNX OS version		3.12.4002	Quantum (IB) Switches	
NVIDIA Mission Control 2.0.0 for GB200 NVL72 Systems – Networking (North-South, East-West) Components	Compute nodes equipped with CX7 network interface cards	ConnectX7(CX7)	28.44.2524	All Nodes	
	Compute nodes equipped with BlueField-3 DPUs	BlueField-3 (BF3) NIC	32_45_1600		
		BlueField-3 (BF3) BFB	3		
	Software packages required on all compute nodes to manage and interface with NICs and DPUs.	DOCA_Host			3.0.0-058209
		MFT			4.32.0-7017
	Spectrum (Ethernet) Switches	Cumulus OS			5.12.1
Unified Fabric Manager (UFM) Appliance	UFM HA/Appliance		1.13.2	UFM appliance	