

	SmartStack 10	SmartStack 20	SmartStack 30	SmartStack 30+
Max GPUs	10	20	30	30
Max Host Servers	4	8	6	16
GPUs per Host	Up to 10	Up to 20	Up to 30	Up to 30
Composability Software	Liquid Matrix® Software	Liquid Matrix® Software	Liquid Matrix® Software	Liquid Matrix® Software
Rack Units	5U	10U	14U	15U



	SmartStack 10	SmartStack 20	SmartStack 30	SmartStack 30+
Description	10 GPU / 4 Host Capacity	20 GPU / 8 Host Capacity	30 GPU / 6 Host Capacity	30 GPU / 16 Host Capacity
Composable Software	Liquid Matrix™ Software			
Key Features	Bare Metal GPU Provisioning, Granular Scale, Intuitive UI, API, CLI Management, Cloud Automation Integration, Automated OS Deployment, ioDirect GPU-to-GPU and GPU-to-storage communication			
Management Appliance	1x Liquid Director 1U			
Maximum GPUs	10x Full-height, full-length (FHFL) 10.5", dual-slot	20x Full-height, full-length (FHFL) 10.5", dual-slot	30x Full-height, full-length (FHFL) 10.5", dual-slot	30x Full-height, full-length (FHFL) 10.5", dual-slot
Maximum Host	4x Host Servers	8x Host Servers	6x Host Servers	16x Host Servers
PCIe Expansion Chassis	1x Liquid EX-4410 PCIe Chassis	2x Liquid EX-4410 PCIe Chassis	3x Liquid EX-4410 PCIe Chassis	3x Liquid EX-4410 PCIe Chassis
PCIe Fabric Switch	None	1x 48 Port PCIe Gen 4.0 Switch	1x 48 Port PCIe Gen 4.0 Switch	2x 48 Port PCIe Gen 4.0 Switch
Rack Units	5U	10U	14U	15U
PCIe Host Bus Adapter	Liquid Gen 4.0 HBAs (Purchase one per host server)			
Warranty & Support	36 or 60 - Month Software and Hardware			
Add-ons				
IO Accelerator	Liquid LQD4500 IO Accelerator - 7.68TB, 15.36TB or 30.72TB - NVMe PCIe Gen 4.0 x16 FHFL Add-in Card			

	UltraStack 10 (UX-1010)	UltraStack 20 (UX-2020)	Ultra StackStack 30 (UX-3030)	UltraStack 8 Max (UX-1608)	UltraStack 16 Max (UX-3016)
Max GPUs	10	20	30	8	16
Max Host Servers	1	1	1	1	1
GPUs per Host	Up to 10	Up to 20	Up to 30	Up to 8	Up to 16
Composability Software	Liquid Matrix® Software	Liquid Matrix® Software	Liquid Matrix® Software	Liquid Matrix® Software	Liquid Matrix® Software



	UltraStack 10 (UX-1010)	UltraStack 20 (UX-2020)	UltraStack 30 (UX-3030)
Description	10-GPU Server (7U)	20-GPU Server (12U)	30-GPU Server (16U)
Intel Host Server Option	Dell R760, Dual Intel Xeon Gold 6426Y 32 core, 512GB DRAM	Dell R760, Dual Intel Xeon Gold 6430 64 core, 1TB DRAM	Dell R760, Dual Intel Xeon Gold 6430 64 core, 1TB DRAM
AMD Host Server Option	Dell R7625, Dual AMD EPYC™ 9124, 32 core, 3.0GHz, 512GB DRAM	Dell R7625, Dual AMD EPYC™ 9354, 64 Core, 3.25GHz, 1TB DRAM	Dell R7625, Dual AMD EPYC™ 9354, 64 Core, 3.25GHz, 1TB DRAM
Mgmt. Appliance	1x Liquid Director 1U	1x Liquid Director 1U	1x Liquid Director 1U
GPUs	10x NVIDIA L40S 48GB PCIe	20x NVIDIA L40S 48GB PCIe	30x NVIDIA L40S 48GB PCIe
NVMe Storage	*1x 30 TB Liquid NVMe SSD	*1x 30 TB Liquid NVMe SSD	*1x 30 TB Liquid NVMe SSD
Networking (NIC)	*2x NVIDIA ConnectX-7	*2x NVIDIA ConnectX-7	*2x NVIDIA ConnectX-7
Networking (DPU)	*1x Bluefield-3 - Dual Port Adapter	*1x Bluefield-3 - Dual Port Adapter	*1x Bluefield-3 - Dual Port Adapter
Expansion Chassis	1x Liquid EX-4410 10-Slot Chassis	2x Liquid EX-4410 10-Slot Chassis	3x Liquid EX-4410 10-Slot Chassis
Host Bus Adapter	1x Liquid Gen 4.0 x16 HBA	2x Liquid Gen 4.0 x16 HBA	2x Liquid Gen 4.0 x16 HBA
PCIe Fabric	Included in Expansion Chassis	1x 48 Port PCIe Gen 4.0 Switch	1x 48 Port PCIe Gen 4.0 Switch
Avg. Power	4675W	8832W	11232W

Storage (Liquid HB) and networking device (Bluefield & NIC) quantities are recommended but can be customized or omitted.

*Installed in Server