

FUNGIBLE GPU-CONNECT DATASHEET

The Fungible GPU-Connect solution includes the FX-108 GPU-Expansion Chassis, the FC200 Accelerator Card and Fungible Composer Software.



FX-108 GPU-EXPANSION CHASSIS	
Supported GPUs	Up to 8 Double-Width/Single-Width PCIe 3.0/4.0 x16 Card (Full Height Full Length) Both actively and passively cooled GPUs GPU-GPU Interconnect: NVIDIA® NVLink™ Bridge (optional)
Validated GPUs	NVIDIA A2, A10, A16, A30, A40, A100-40G, A100-80G
Form Factor	19 in rackmount, 4 RU
Dimensions (H x W x D)	178mm (7 in) x 437mm (17.2 in) x 737mm (29 in)
Weight	Net weight: 29.7 kg (65.5 lbs); Gross weight: 45.3 kg (100 lbs)
Environmental Requirements	Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F) Non-operating Temperature: -40°C to 60°C (-40°F to 140°F) Operating Relative Humidity: 8% to 90% (non-condensing) Non-operating Relative Humidity: 5% to 95% (non-condensing)
Power Supply Requirements	4x 2000W AC200-240V redundant Titanium PSUs IEC320 C13-C14 1.2m power cords included
Power Consumption	Idle state power consumption: 1400 Watts Maximum power consumption: 4000 Watts
Connectivity	4x QSFP-DD 200 GbE connectors 4x SFP+ 1/10 GbE connectors (management only) 1x RJ45 IPMI port

FC200 ACCELERATOR CARD (HOST SERVER)	
Features	Standard x16 PCIe FHHL Form Factor AIC Passively cooled, power consumption 35W-50W 1x QSFP-DD 200 GbE connector 1x SFP+ 1/10 GbE connector (management)
Network Requirements	Ethernet infrastructure to compose GPU servers
Data connectivity	100 Gb Ethernet
Management connectivity	1 Gb or 10 Gb Ethernet
Supported data path topologies	Top-of-Rack only, Spine-Leaf
Data connectivity	QSFP28-to-QSFP28 Direct Attach Copper cables (1x 100G link) QSFP28 Optical Transceivers (1x 100G link) QSFP-DD-to-2xQSFP56 DAC breakout cable assemblies (2x 100G links) QSFP-DD-to-2xQSFP28 DAC breakout cable assemblies (2x 100G links) QSFP-DD-to-2xQSFP28 Active Optical breakout cable assemblies (2x 100G links)

FUNGIBLE COMPOSER SOFTWARE	
System Requirements	1 (one) physical or virtual host server with 128 GB memory and 16 CPU cores OR 2 (two) virtual host servers with 64 GB memory and 8 CPU cores 1 TB storage space
User Interface	Web UI
API	Rest API

PART NUMBERS	
Description	Part number
PCIe Expansion Chassis - no GPU	FX108-00
PCIe Expansion Chassis incl 2x Nvidia A30 GPU	FX108-2A30
PCIe Expansion Chassis incl 2x Nvidia A40 GPU	FX108-2A40
PCIe Expansion Chassis incl 2x Nvidia A100-80G GPU	FX108-2A108
FAC FC200 Accelerator Card	FAC-AFC200

Fungible GPU-Connect solves one of the most serious data center challenges caused by the growing demand for AI/ML and Edge computing - stranded and underutilized GPUs. For the first time, using a GPU enabled composable infrastructure, you can be free of traditional GPU architecture constraints.

To learn more about the new Fungible GPU-Connect and how you can get more value and performance from your GPU resources, contact sales@fungible.com.

ABOUT FUNGIBLE

Fungible aims to effectively cloudify all of the world’s data centers by utilizing the Fungible DPU™ to connect CPUs, GPUs and all-flash arrays via Ethernet.

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