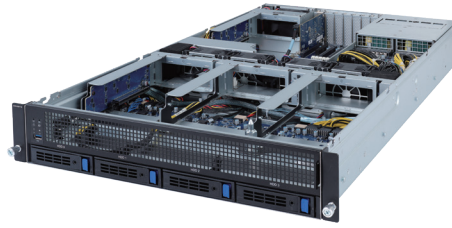
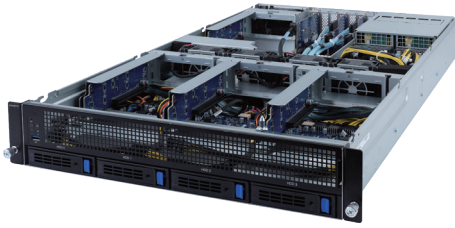




	R152-P30	R272-P30	E252-P30
Form Factor	1U Rack Server (W438 x H43.5 x D660 mm)	2U Rack Server (W438 x H87.5 x D660 mm)	2U Edge Server (W439 x H86 x D449 mm)
Processor	Ampere Altra	Ampere Altra	Ampere Altra
Socket	1 x LGA4926	1 x LGA4926	1 x LGA4926
Chipset	System on Chip	System on Chip	System on Chip
Memory	16 x DIMM slots 8-Channel DDR4 memory Speed up to 3200 MHz	16 x DIMM slots 8-Channel DDR4 memory Speed up to 3200 MHz	16 x DIMM slots 8-Channel DDR4 memory Speed up to 3200 MHz
Networking	2 x 1GbE LAN (Intel I350-AM2) 1 x MLAN	2 x 1GbE LAN (Intel I350-AM2) 1 x MLAN	2 x 1GbE LAN (Intel I350-AM2) 1 x MLAN
Storage	6 x 2.5" SATA/SAS hot-swap drives 4 x 2.5" NVMe hot-swap drives RAID 0/ 1/ 1E/ 10	8 x 2.5" SATA/SAS hot-swap drives RAID 0/ 1/ 1E/ 10	6 x 2.5" SATA/SAS hot-swap drives RAID 0/ 1/ 1E/ 10
SAS	Supported	Supported	Supported
Expansion Slots	1 x PCIe x16 (4.0 x16), FHHL 2 x M.2 (4.0 x4)	2 x PCIe x16 (4.0 x16), HHHL 3 x PCIe x16 (4.0 x8), HHHL 1 x PCIe x8 (4.0 x8), HHHL 2 x M.2 (4.0 x4)	2 x PCIe x16 (4.0 x16), HHHL 3 x PCIe x16 (4.0 x8), HHHL 1 x PCIe x8 (4.0 x8), HHHL 2 x M.2 (4.0 x4)
Front I/O	1 x USB 3.0	2 x USB 3.0	3 x USB 3.0 1 x VGA 1 x COM 2 x RJ45 1 x MLAN
Rear I/O	3 x USB 3.0 1 x VGA 1 x COM 2 x RJ45 1 x MLAN	3 x USB 3.0 1 x VGA 1 x COM 2 x RJ45 1 x MLAN	N/A
Power Supply	1+1 650W redundant PSUs 80 PLUS Platinum, 100~240V AC	1+1 800W redundant PSUs 80 PLUS Platinum, 100~240V AC	1+1 800W redundant PSUs 80 PLUS Platinum, 100~240V AC
Board Management	ASPEED AST2500 BMC GIGABYTE Management Console	ASPEED AST2500 BMC GIGABYTE Management Console	ASPEED AST2500 BMC GIGABYTE Management Console
Part Numbers	6NR152P30MR-00	6NR272P30MR-00	6NE252P30MR-00



G242-P31

G242-P32

Form Factor	2U GPU Server (W438 x H87.5 x D820 mm)	2U GPU Server - NVIDIA ARM Devkit (W438 x H87.5 x D820 mm)
Processor	Ampere Altra	Ampere Altra
Socket	1 x LGA4926	1 x LGA4926
Chipset	System on Chip	System on Chip
Memory	16 x DIMM slots 8-Channel DDR4 memory Speed up to 3200 MHz	16 x DIMM slots 8-Channel DDR4 memory Speed up to 3200 MHz
Networking	2 x 1GbE LAN (Intel I350-AM2) 1 x MLAN	2 x 1GbE LAN (Intel I350-AM2) 1 x MLAN
Storage	4 x 3.5" SATA/SAS hot-swap drives 2.5 drives supported RAID 0/ 1/ 1E/ 10	4 x 3.5" SATA/SAS hot-swap drives 2.5 drives supported RAID 0/ 1/ 1E/ 10
SAS	Supported	Supported
Expansion Slots	4 x PCIe x16 (4.0 x16) for GPUs 2 x PCIe x16 (4.0 x8), HHHH 1 x PCIe x8 (4.0 x8), HHHH 2 x M.2 (4.0 x4)	2 x PCIe x16 (4.0 x16) for NVIDIA A100 GPU 2 x PCIe x16 (4.0 x16) for NVIDIA Bluefield-2 DPU 2 x PCIe x16 (4.0 x8), HHHH 1 x PCIe x8 (4.0 x8), HHHH 2 x M.2 (4.0 x4)
Front I/O	1 x USB 3.0	1 x USB 3.0
Rear I/O	3 x USB 3.0 1 x VGA 1 x COM 2 x RJ45 1 x MLAN	3 x USB 3.0 1 x VGA 1 x COM 2 x RJ45 1 x MLAN
Power Supply	2+0 1600W PSUs 80 PLUS Platinum, 100~240V AC	2+0 1600W PSUs 80 PLUS Platinum, 100~240V AC
Board Management	ASPEED AST2500 BMC GIGABYTE Management Console	ASPEED AST2500 BMC GIGABYTE Management Console
Part Numbers	6NG242P31MR-00	6NG242P32MR-00



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