



Specifications – HUAQIN 2U Dual Socket P6410, Application: General Compute

Model	HUAQIN-P6410
Form Factor	2U Dual Socket Rack Server
Number of Processor	Ampere® Altra® Max Series Processor, 96 + 128 Cores Ampere® Altra® Series Processor, 32 to 80 Cores
Memory	32 DIMMs (8-channels 2DPC per CPU) Up to DDR4-3200 Up to 8TB
Expansion Slots Configurations	Max 8x PCIe Card + 1x OCP 3.0 Riser 1: FHFLx16 + FHFLx16 + FHHLx8 Riser 2: FHFLx16 + FHFLx16 + FHHLx8 Riser 3: FHFLx16 + FHFLx16 (Optional) SFF OCP3.0(Multihost)
Storage Drive Bays (NVMe SSDs)	Front: up to 12x LFF SAS/SATA/NVMe rear: up to 4x SFF SAS/SATA/NVMe
OCP NIC	OCP 3.0-PCIe Gen4x8 Multi Host
Network Interfaces	Dual 1GbE—no onboard 1GbE
Power Supply	1+1 Redundant 2000/1600/1300/800W PSU with PMBus 1.2 support
Security	TPM header for TPM2.0
Systems Management	1x 1GbE dedicate IPMI Port
Supported Operating Systems	CentOS, Ubuntu
Firmware Support	UEFI: AMI AptioV BMC: AMI MegaRAC
BMC	AST2500
Dimensions	87mm (H) x 447mm (W) x 815mm (D)

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