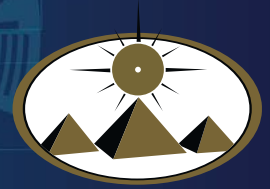


CRI 8-GPU AI SERVER

PN - 888088

MSRP - \$32,500.00

GSA - \$30,225.00 (PROPOSED)



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CRI offers the most optimized selection for next generation Digital Transformation use cases in Virtual Reality, Augmented Reality, Artificial Intelligence, Web Server, Mail Servers, Hyperconverged Storage and Security Appliances, Network Infrastructure, Enterprise Software, Video Processing, Big Data, Hyperconverged Appliances, Internet of Things (IoT), In-Memory Analytics, Deep Learning, Machine Learning (ML), and general Data Center Virtualization & Private Cloud or Hyperscale Infrastructure Applications. 125 Teraflops per GPU Processing power.



CRI 8-GPU AI Server Specifications

System	Form Factor	4U Rackmount
	Chassis Model	FT77C
	Dimension (D x W x H)	30.31" x 17.24" x 6.93" (770 x 438 x 176mm)
	Motherboard Name	S7079GM2NR-N
	Gross Weight	35 kg
Front Panel	Buttons	(1) RST / (1) ID / (1) PWR w/ LED
	LEDs	(1) HDD / (2) LAN / (1) ID / (1) Warning
	I/O Ports	(2) USB 2.0 ports
Internal Drive Bay	Type / Q'ty	3.5"/2.5" Hot-Swap / (10)
	HDD Backplane Support	SAS / SATA 6.0Gb/s
	Supported HDD Interface	(10) SATA 6Gb/s
System Cooling Configuration	Redundancy	Yes
	FAN	(5+1) hot-swap 12cm fans

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CRI 8-GPU AI Server Specifications

Power Supply		Type	RPSU
		Input Range	100-127V AC / 200-240V AC
		Output Watts	2,000 Watts (100-127Vac input) / 3,200Watts (200-240Vac input)
		Efficiency	80 plus Platinum
		Redundancy	2+1
		Serviceability	Hot-swap
Processor		Socket Type / Q'ty	LGA2011 / (2)
		Supported CPU Series	Intel Xeon Processor E5-2600 v3/v4 product families
		Thermal Design Power (TDP) Wattage	Max up to 160W
		System Bus	Up to 9.6/ 8.0/ 6.4 GT/s with Intel QuickPath Interconnect (QPI) support
Chipset		PCH	Intel C612
		Switch IC	(4) PLX PEX8747
Memory		Supported DIMM Qty	(12)+(12) DIMM slots
		DIMM Type / Speed	RDIMM DDR4 2400/2133/1600 / LRDIMM DDR4 2400/1866 / LRDIMM 3DS DDR4 2400/1866 (*Up to 2400 speed support only w/E5-2600 v4)
		Capacity	Up to 768GB RDIMM/ 1,536GB LRDIMM/ 3,072GB LRDIMM 3DS *Follow latest Intel DDR4 Memory POR
		Memory channel	4 Channels per CPU
		Memory voltage	1.2V
Expansion Slots		PCI-E	(8) PCI-E Gen3 x16 slots / (3) PCI-E Gen2 x1 slots / (1) PCI-E Gen3 x8 LAN mezz. slot
		Pre-install TYAN Riser Card	(1) M2210-L8-1F riser card for (1) LAN mezz. slot
LAN		Q'ty / Port	(2) GbE ports (1 port shared with IPMI)
		Controller	Intel I350-BT2
Storage	SATA	Connector	(2) Mini-SAS (8-ports) + (2) SATA (totally support 10 ports)
		Controller	Intel C612
		Speed	6.0 Gb/s
		RAID	RAID 0/1/10/5 (Intel RSTe)
Graphic		Connector type	(1) Display/USB 2.0 port
		Resolution	Up to 1920x1200
		Chipset	Aspeed AST2400
I/O Ports		USB	(2) USB3.0/2.0 ports (at front)
		VGA	(1) Display/USB2.0 port (via a dongle cable)
		RJ-45	(2) ports

CRI 8-GPU AI Server Specifications

System Monitoring		Chipset	Aspeed AST2400
		Temperature	Monitors temperature for CPU & memory & system environment
		Voltage	Monitors voltage for CPU, memory, chipset & power supply
		LED	Over temperature warning indicator / Fan & PSU fail LED indicator
		Others	Watchdog timer support
Server Management		Onboard Chipset	Onboard Aspeed AST2400
		AST2400 iKVM Feature	24-bit high quality video compression / Supports storage over IP and remote platform-flash / USB 2.0 virtual hub
		AST2400 IPMI Feature	IPMI 2.0 compliant baseboard management controller (BMC) / 10/100/1000 Mb/s MAC interface
BIOS		Brand / ROM size	16MB
		Feature	SMBIOS 2.7/PnP/Wake on LAN / ACPI 3.0 power management/PXE boot
Operating System		OS supported list	Please refer to our AVL support lists.
Regulation		FCC (DoC)	Class A
		CE (DoC)	Class A
		CB/LVD	Yes
		C-Tick	Class A
		VCCI	Class A
Operating Environment		Operating Temp.	10° C ~ 35° C (50° F ~ 95° F)
		Non-operating Temp.	- 40° C ~ 70° C (-40° F ~ 158° F)
		In/Non-operating Humidity	90%, non-condensing at 35° C
		Note	Please refer to the TYAN NVIDIA Compatibility List for the operating temperature while GPGPU deployed
RoHS		RoHS 6/6 Compliant	Yes
Package Contains		Barebone	(1) FT77C-B7079 w/NV Tesla-aware FW Barebone
		Manual	(1) Quick Installation Guide
		Installation CD	(1) TYAN Device Driver CD
		Others	(1) CPU air duct / (8) For NV-Tesla GPU card brackets
	Cable	Others	(1) Display/USB2.0 port via a dongle cable / (8) GPU power cables