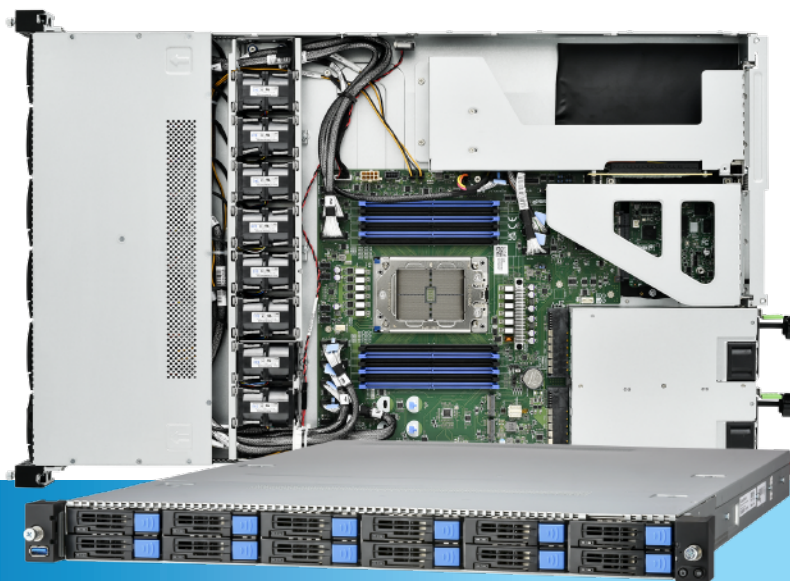


## 1U1S CLOUD SERVER



## Transport CX GC73A-B8046

B8046G73AE12HR



### Front View



(12) 2.5" hot-swap NVMe HDD/SSDs with  
(4) 2.5" hot-swap SATA 6Gb/s

### Back View



(1+1) 1,300W CRPS, 80+ Titanium

## 1U1S Server Platform Designed for Cloud Applications

- Single Socket SP6
- (1) AMD EPYC™ 8004 Series Processor
- (12) RDIMM DDR5 4800, Up to 1,536GB RDIMM DDR5 4800/3600 memory
- (1) PCIe Gen.5 x16 slot + (1) PCIe Gen.5 x16 from (2) MCIO x8 + (1) DC-SCM slot
- (1) IPMI ports
- Onboard BMC w/ IPMI and iKVM support
- (1+1) 1,300W CRPS, 80+ Titanium

### Summary Table

SKU	Motherboard	Storage
B8046G73AE12HR	S8046GM	(12) NVMe U.2

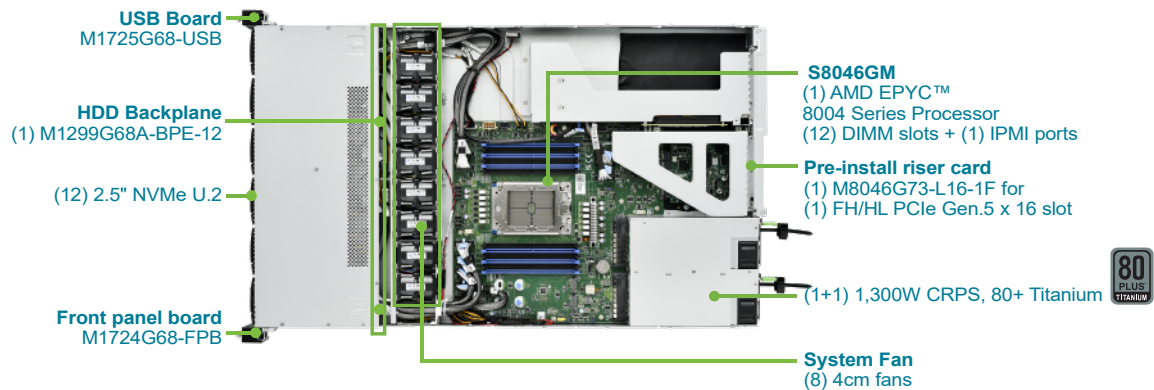
# Thunder CX GC73A-B8046

B8046G73AE12HR

# TYAN

## Specifications

### Top View



System	Form Factor	1U Rackmount
	Chassis Name	GC73A
	Dimension (D x W x H)	28.74" x 17.26" x 1.72" (730 x 438.5 x 43.6mm)
	Motherboard	S8046GM
	Gross Weight	26.75 kg (58.97 lbs)
Front Panel	Net weight	13.75 kg (30.31 lbs)
	Buttons	(1) PWR w/ LED / (1) ID w/ LED
	LEDs	(1) ID / (1) PWR
External Drive Bay	I/O Ports	(1) USB 3.2 Gen.1 port
	Q'ty / Type	(12) 2.5" hot-swap NVMe HDD/SSDs with (4) 2.5" hot-swap SATA 6Gb/s
	Front Drive Bay Interface	(12) NVMe with (4) SATA 6Gb/s ports
	Front HDD Backplane Support	(12) NVMe with (4) SATA 6Gb/s ports
System Cooling Configuration	Rear Drive Bay Interface	NVMe / SATA 6Gb/s
	FAN	(8) 4056 fans
	Air Duct	(2) Tailored Air Duct
Power Supply	Type	CRPS
	Input Range	AC 100-127V/12A / AC 200-240V/8.5A
	Efficiency	80 plus Titanium
	Output Watts	1,300 Watts
Processor	Redundancy	1+1
	Q'ty / Socket Type	(1) AMD Socket SP6
	Supported CPU Series	(1) AMD EPYC™ 8004 Series Processor
	Thermal Design Power Wattage	Max up to 225W (TDP)
Memory	Supported DIMM Qty	(12) DIMM slots
	DIMM Type / Speed	RDIMM DDR5 4800 MHz (1DPC) / RDIMM DDR5 3600 MHz (2DPC)
	Capacity	Up to 1,536GB RDIMM DDR5 4800/3600 memory
	Memory channel	6 Channels per CPU
	Memory voltage	1.1V
Expansion Slots	PCIe	(1) PCIe Gen.5 x16 slot / (1) PCIe Gen.5 x16 from (2) MCI0 x8
	Pre-install TYAN Riser Card (PCIe Gen.4)	(1) M8046G73-L16-1F riser for (1) FH/HL PCIe Gen.5 x 16 slot / (1) CEM Riser for (1) FH/FL PCIe Gen.5 x 16 slot
	Others:	(1) DC-SCM slot
LAN	PHY Controller	Realtek RTL8211F

Storage NVMe	Connector (M.2)	(2) 22110/2280 (by PCIe Gen.3 interface)
	Connector (U.2)	(6) SFF-TA-1016 (MCIO 8x) for (12) front NVMe
Input /Output	USB	(1) USB2.0 port (@ rear) / (1) USB3.2 Gen.1 port (@ front) / (1) USB3.2 Gen.1 port (@ rear)
	RJ-45	(1) GbE port dedicated for IPMI
	Button	ID Button / Power Button / Reset Button
TPM (Optional)	TPM Support	Please refer to our TPM supported list.
	Interface	SPI
System Monitoring	Chipset	Aspeed AST2600
	Voltage	Monitors voltage for CPU, memory, chipset & power supply
	Temperature	Monitors temperature for CPU & memory & system environment
	LED	Over temperature warning indicator / Fan & PSU fail LED indicator
	Others	Watchdog timer support
Server Management	Onboard Chipset	Onboard Aspeed AST2600
	AST2600 iKVM Feature	24-bit high quality video compression / Supports storage over IP and remote platform-flash / USB 2.0 virtual hub
	AST2600 IPMI Feature	IPMI 2.0 compliant baseboard management controller (BMC) / 10/100/1000 Mb/s MAC interface
BIOS	Brand / ROM size	AMI / 64MB
	Feature	Hardware Monitor / FAN speed control automatic / Boot from USB device/PXE via LAN/Storage / Console Redirection / SMBIOS 3.3/PnP/Wake on LAN / ACPI 6.2 / ACPI sleeping states S0, S5
Operating System	OS supported list	Please refer to our AVL support lists.
Regulation	FCC (SDoC)	Class A
	CE (DoC)	Class A
	VCCI	Class A
	RCM	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)
RoHS	In/Non-operating Humidity	90%, non-condensing at 35° C
	RoHS 6/6 Complaint	Yes

(Specifications are subject to change without notice. Items pictured may only be representative.)

## MiTAC Computing Technology Corp

USA  
Tel: +1-510-651-8868  
Fax: +1-510-651-7688

Taiwan  
Tel: +886-3-327-5988  
Fax: +886-3-327-6312

China  
Shanghai Tel: +86-021-61431188 #1361  
China Tel: +86-010-62381108 #2485

Japan  
Tel: +81-3-3769-8311  
Fax: +81-3-3769-8328

EMEA  
Tel: +44 07540328523  
Email: robin.daunter@tyan.com