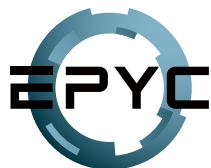


1U1S SERVER/ STORAGE PLATFORM



Thunder SX GT62F-B8026

B8026G62FE10HR / B8026G62FV10HR-LE



Front View



• (10) hot-swap 2.5" SATA 6G devices (-V10HR SKU)



• (10) hot-swap 2.5" NVMe U.2 devices (-E10HR SKU)

Back View



• (1+1) 650W RPSU, 80-Plus Platinum

1U single-socket AMD EPYC storage server platform supports all-flash deployment

- Single socket SP3 supports (1) AMD EPYC™ 7000 series (Naples) processor
- (16) 288-pin DDR4 DIMM slots support up to 1TB R-DDR4 2667/2400 MHz w/ ECC memory
- (2) FH/HL PCI-E (Gen.3) x16 slots
- (1) OCP 2.0 mezzanine slot
- (2) GbE (Data LAN) + (1) GbE (IPMI LAN) ports
- (10) hot-swap 2.5" SATA 6G devices (-V10HR SKU; up to (8) SAS 12G devices connected to a discrete, optional adapter)
- (10) hot-swap 2.5" NVMe U.2 devices (-E10HR SKU)
- Onboard BMC w/ IPMI and iKVM support
- (1) ERP1U hot-swap 650W RPSU, 80-Plus Platinum



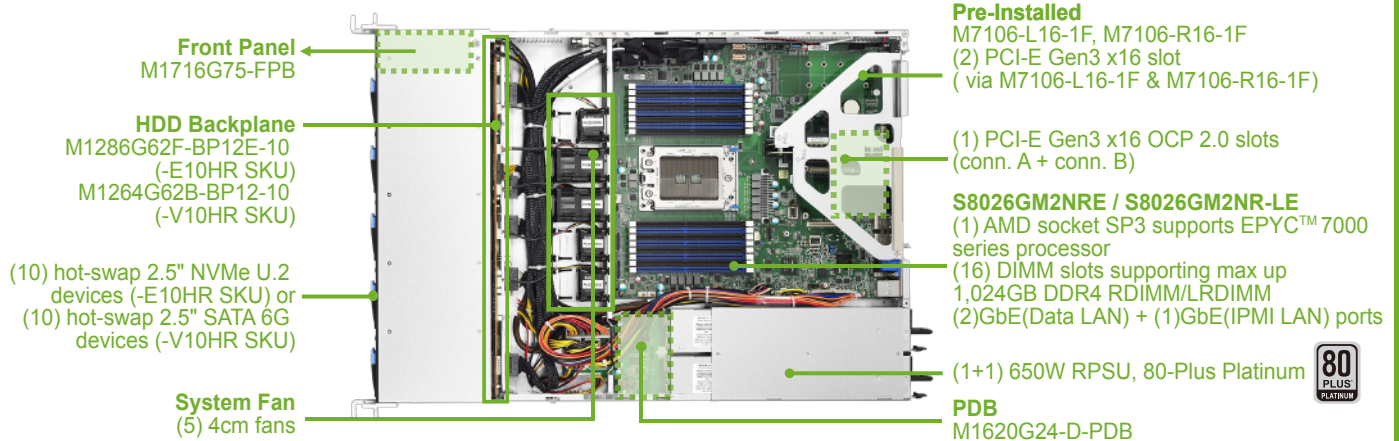
Thunder SX GT62F-B8026

B8026G62FE10HR / B8026G62FV10HR-LE

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Specifications

Top View



System	Form Factor	1U Rackmount
	Chassis Name	GT62F
	Dimension (H x W x D)	24.6" x 17.2" x 1.72" (625.4 x 436 x 43.6mm)
	Motherboard	S8026GM2NRE (-E10HR SKU) S8026GM2NR-LE (-V10HR SKU)
Front Panel	Buttons	(1) RST, (1) ID, (1) PWR w/ LED
	LEDs	(1) PWR, (1) HDD, (2) LAN, (1) BMC event
	I/O Ports	(2) USB 3.0 ports
External Drive Bay	Type / Q'ty	2.5" Hot-Swap NVMe U.2 / (10) (-E10HR SKU) 2.5" Hot-Swap SSD/HDDs / (10) (-V10HR SKU)
	Supported HDD Interface	(10) NVMe U.2 (-E10HR SKU) (10) SAS 12Gb/s / SATA 6Gb/s (-V10HR SKU)
	FAN	(5) 4cm fans
Power Supply	Type	RPSU
	Input Range	AC 100-240V/9A
	Efficiency	80-Plus Platinum
	Output Watts	650 Watts
	Redundancy	1+1
Processor	Supported CPU Series	AMD EPYC™ 7000 series Processor
	Socket Type / Q'ty	AMD Socket SP3/ (1)
	Thermal Design Power (TDP) wattage	Max up to 180W
Memory	Supported DIMM Qty	(16) DIMM slots
	DIMM Type / Speed	DDR4 ECC RDIMM/LRDIMM 2666/2400
	Capacity	Up to 1,024GB RDIMM/LRDIMM
	Memory channel	8 Channels
Expansion Slots	PCI-E	(2) PCI-E Gen3 x16 slots
	Pre-install TYAN Riser Card	M7106-L16-1F, M7106-R16-1F
	Others	(1) PCI-E Gen3 x16 OCP 2.0 slots (conn.A + conn.B)
LAN	Port Q'ty	(3) GbE ports
	Controller	Broadcom® BCM5720 + Realtek® RTL8211E-VB-CG (IPMI)
Storage	M.2 Connector	(2) M.2 connectors (22110/2280/2260/2242) by PCI-E & SATA interface
	NVMe	(8) SFF-8612 OcuLink connectors (-E10HR SKU) (2) SFF-8612 OcuLink connectors (-V10HR SKU)
	SATA	(2) 7-pin SATA w/ SATA DOM support
Graphic	Connector type	D-Sub 15-pin

Graphic	Resolution	Up to 1920x1200
	Chipset	Aspeed AST2500
Input /Output	USB	(5) USB 3.0 ports (2 at front; 2 at rear; 1 Type A onboard)
	COM	(1) DB-9 port (COM1)
	VGA	(1) D-Sub 15-pin port
	RJ-45	(2) GbE (Data LAN) + (1) GbE (IPMI LAN) ports
TPM (Optional)	TPM Support	Please refer to our TPM supported list.
System Monitoring	Chipset	Onboard Aspeed AST2500
	Voltage	Monitors voltage for CPU, memory, chipset & power supply
	Temperature	Monitors temperature for CPU & memory & system environment
	LED (On system front panel)	Over temperature warning indicator, Fan & PSU fail LED indicator
	Others	Watchdog timer support
Server Management	Onboard Chipset	Onboard Aspeed AST2500
	AST2300 IPMI Feature	IPMI 2.0 compliant baseboard management controller (BMC) / Supports storage over IP and remote platform-flash / USB 2.0 virtual hub
	AST2500 iKVM Feature	IPMI 2.0 compliant baseboard management controller (BMC), Supports storage over IP and remote platform-flash, USB 2.0 virtual hub
BIOS	AST2500 IPMI Feature	24-bit high quality video compression, 10/100/1000 Mb/s MAC interface
	Brand / ROM size	AMI / 32MB
Operating System	Feature	Hardware Monitor, Boot from USB device/PXE via LAN/Storage, User Configurable FAN PWM Duty Cycle, Console Redirection, ACPI 6.1, SMBIOS 3.1/ PnP/Wake on LAN, ACPI sleeping states S0,S1,S5
	OS supported list	Please refer to our AVL support lists.
Regulation	FCC (DoC)	Class A
	CE (DoC)	Class A
	VCCI	Class A
	RCM	Class A
Operating Environment	CB/LVD	Yes
	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 Compliant	Yes

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

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