

1U1S HYBRID SERVER PLATFORM



Transport SX GT24E-B5556

B5556G24EV4HR-2T, B5556G24EV4HR-2T-N



■ Front View



- B5556G24EV4HR-2T
(4) 2.5" Hot-swap SSD/HDDs +
(2) 2.5" Internal SSDs



- B5556G24EV4HR-2T-N
(4) 2.5" Hot-swap SSD/HDDs +
(2) 2.5" Internal SSDs

■ Back View



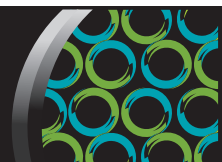
- (1+1) 650W RPSU, 80 + Platinum

1U1S Server Platform Designed for Cloud and Gaming Computing.

- Single Socket LGA1151
- (1) Intel® Celeron G4900, Pentium G5000, Xeon® E-2200/2100 or 9th/8th Gen.Core i3 processor
- (4) DIMM slots support UDIMM ECC DDR4 2666/2400
- (2) 10GbE + (1) IPMI ports
- (2) PCI-E Gen3 x16 (FH / FL in DW) + (1) PCI-E Gen3 x8 (HH / HL) slots
- Onboard BMC w/ IPMI and iKVM support
- (1+1) 650W RPSU, 80 + Platinum

■ Summary Table

SKU	NVIDIA Tesla Certified	Thermal Solution
B5556G24EV4HR-2T	N/A	(4) 4028 Fans
B5556G24EV4HR-2T-N	Yes	(3) 4028 + (2) 4056 Fans + (1) GPU air baffle (for passive-cooled GPU card)

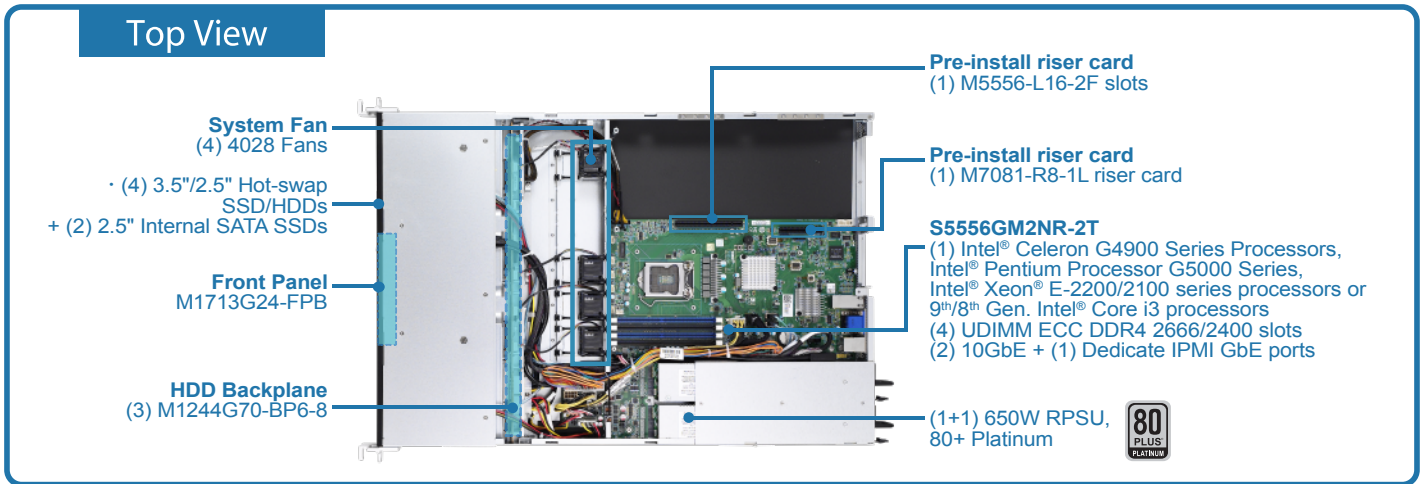


Transport SX GT24E-B5556

B5556G24EV4HR-2T

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Specifications



System	Form Factor	1U Rackmount
	Chassis Name	GT24E
	Dimension (D x W x H)	25.4" x 17.2" x 1.72" (645 x 436 x 43.6mm)
	Motherboard	S5556GM2NR-2T
	Gross Weight	21 kg (46.5 lbs)
	Net weight	15.5 kg (34.5 lbs)
Front Panel	Buttons	(1) RST, (1) NMI, (1) ID & (1) PWR w/ LED
	LEDs	(1) HDD, (1) ID, (3) LAN & (1) BMC event
	I/O Ports	(2) USB 3.1 Gen1 ports
External Drive Bay	Q'ty / Type	(4) 3.5"/2.5" Hot-Swap SSD/HDD
	HDD backplane support	SAS 12Gb/s & SATA 6Gb/s
	Supported HDD Interface	(4) SATA 6Gb/s
Internal Drive Bay	Q'ty / Type	(2) 2.5" Fixed SSD (with height up to 9.5mm)
	Supported HDD Interface	(2) SATA 6Gb/s
System Cooling Configuration	FAN	(4) 4028 fans
	Type	RPSU
Power Supply	Input Range	AC 100-240V/9A (X2)
	Efficiency	80+ Platinum
	Output Watts	650 Watts
	Redundancy	1+1
	Supported CPU Series	(1) Intel® Celeron G4900 Series Processors, Intel® Pentium Processor G5000 Series, Intel® Xeon® E-2200/2100 series processors or 9 th /8 th Gen. Intel® Core i3 processors
Processor	Thermal Design Power (TDP) wattage	Max up to 95W
	Chipset	Intel® C242
Memory	Supported DIMM Qty	(4) DIMM slots
	DIMM Type / Speed	UDIMM ECC DDR4 2666/2400
	Capacity	Up to 128GB
	Memory channel	2 Channels
Expansion Slots	PCI-E	(1) PCI-E Gen3 x16 slot (HH / HL) or (2) PCI-E Gen3 x8 slots (HH / HL) * split by Mux. (1) PCI-E Gen3 x8 slot (w/ x4 link in HH / HL)
	Pre-install TYAN Riser Card (PCI-E Gen3)	(1) M7081-R8-1L (1) M5556-L16-2F
	Port Q'ty	(2) 10GbE ports + (1) dedicated GbE port for IPMI
LAN	Controller	Intel X550-AT2
	PHY	Realtek® RTL8211E

Storage	SATA	Connector	(2) SATA-DOM
		Controller	Intel® C242
		Speed	6Gb/s
		RAID	RAID 0/1/10/5 (Intel® RSTe)
		sSATA	Connector
		Controller	Intel® C242
		Speed	6Gb/s
		RAID	RAID 0/1/10/5 (Intel® RST)
Graphic	Connector type	D-Sub 15-pin	
	Resolution	Up to 1920x1200	
	Chipset	Aspeed AST2500	
Input /Output	USB	(2) USB3.1 Gen1 ports (@ front) (2) USB3.1 Gen2 ports (@ rear)	
	COM	(1) DB-9 COM port	
	VGA	(1) D-Sub 15-pin	
	RJ-45	(2) GbE ports + (1) dedicated GbE for IPMI	
	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	
	AST2500 iKVM Feature	24-bit high quality video compression, Supports storage over IP and remote platform-flash & USB 2.0 virtual hub	
	AST2500 IPMI Feature	IPMI 2.0 compliant baseboard management controller (BMC) & 10/100/1000 Mb/s MAC interface	
BIOS	Brand / ROM size	AMI / 32MB	
	Feature	Hardware Monitor, PXE boot support, User Configurable FAN PWM Duty Cycle, Console Redirection, ACPI 6.1, SMBIOS 3.1/PnP/Wake on LAN & ACPI sleeping states 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	
	CB/LVD	Yes	
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	
RoHS	RoHS 6/6 Complaint	Yes	

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

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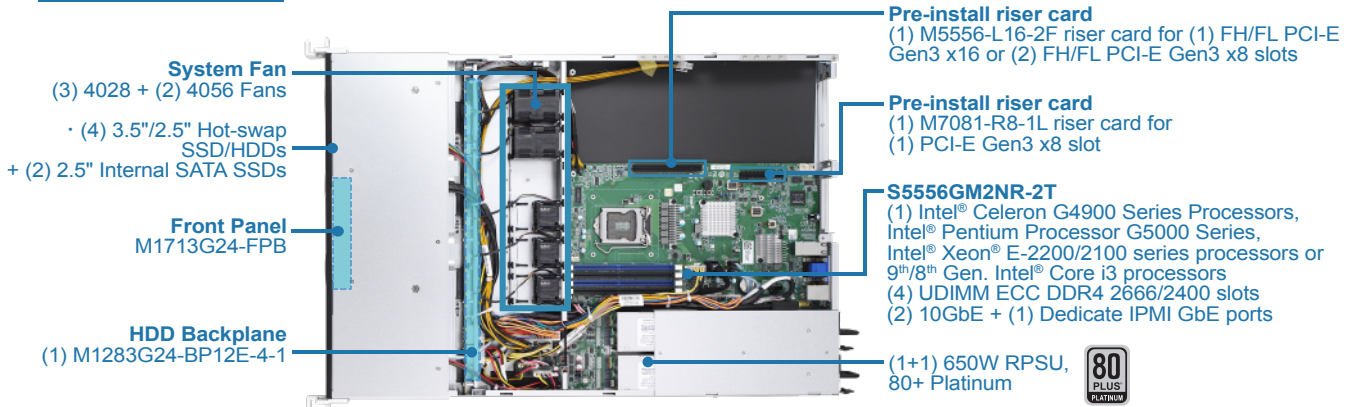
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System Cooling Configuration	Supported HDD Interface	(2) SATA 6Gb/s
	FAN	(3) 4028 + (2) 4056 fans
Power Supply	Air Duct	(1) Air duct of GPU
	Type	RPSU
	Input Range	AC 100-240V/9A (X2)
	Efficiency	80+ Platinum
Processor	Output Watts	650 Watts
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