

4U1S RACKMOUNT & PEDESTAL SERVER



Transport HX FT65T-B8030

B8030F65TV8E2H-G / B8030F65TV8E2H-N / B8030F65TV8E2H-2T-N



■ Front View



- (2) 2.5" Hot-Swap HDD/SSDs +
- (8) 3.5"/2.5" Hot-Swap SAS/SATA HDDs

■ Back View



- 2,000W ATX PSU, 80+ Platinum

Pedestal single-socket Milan/Rome platform designed for desktside HPC

- Single Socket SP3
- (1) AMD EPYC™ 7002/7003 Series Processor
- (8) DDR4 DIMM slots, Support up to DDR4 RDIMM/LRDIMM 3200
- (8) 3.5" Hot-swap SATA + (2) 2.5" hot-swap U.2 NVMe drive bays
- PCIe Gen.4 support, Up to (6) total PCIe Gen.4 slots
- Supports (4) Double-wide x16 GPU cards
- (5) PCIe Gen.4 x16 slots
- (2) GbE + (1) IPMI ports or (2) 10GbE + (2) GbE + (1) IPMI ports(-2T sku)
- Onboard BMC w/ IPMI and iKVM support
- 2,000W ATX Power Supply, 80+ Platinum

■ Summary Table

SKU	Motherboard	Storage
B8030F65TV8E2H-2T-N	S8030GM4NE-2T	(8) 3.5" SATA hot-swap + (2) 2.5" NVMe hot-swap
B8030F65TV8E2H-N	S8030GM2NE	(8) 3.5" SATA hot-swap + (2) 2.5" NVMe hot-swap
B8030F65TV8E2H-G	S8030GM2NE	(8) 3.5" SATA hot-swap + (2) 2.5" NVMe hot-swap

Transport HX FT65T-B8030

B8030F65TV8E2H-G

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Specifications

Top View



2,000W ATX PSU,
80 + Platinum

S8030GM2NE Motherboard
(1) AMD EPYC™ 7002/7003 Series Processor
(8) DIMM slots supporting (2) GbE ports + (1) dedicated GbE for IPMI



Front panel board
M1713G24-FPB

HDD Backplane
M1298T65-BP12E-2

System Fan
(3) 12038 fans

HDD Backplane
M1309T65T-BP12-8

System	Form Factor	4U Rackmount	
	Chassis Name	FT65T	
	Dimension (D x W x H)	25.59" x 17.245" x 6.93" (650 x 438 x 176mm)	
Front Panel	Buttons	(1) ID / (1) PWR w/ LED / (1) RST	
	LEDs	(1) HDD / (1) ID / (1) System Event / (2) LAN activity	
	I/O Ports	(2) USB 3.0 ports	
External Drive Bay	Q'ty / Type	(2) 2.5" Hot-Swap NVMe HDD/SSDs / (8) 3.5" Hot-Swap HDD/SSDs	
	HDD backplane support	SAS 12Gb/s /SATA 6Gb/s /NVMe	
	Supported HDD Interface	(2) SATA 6Gb/s / NVMe / (8) SATA 6Gb/s / SAS 12Gb/s	
System Cooling Configuration	FAN	(3) easy-swap 12038 fans	
	Type	ATX	
Power Supply	Input Range	AC 100~240V/12~15A	
	Efficiency	Platinum	
	Output Watts	2,000 Watts	
Processor	Q'ty / Socket Type	(1) AMD Socket SP3	
	Supported CPU Series	(1) AMD EPYC™ 7002/7003 Series Processor	
	Thermal Design Power (TDP) wattage	Max up to 280W	
Memory	Supported DIMM Qty	(8) DIMM slots	
	DIMM Type / Speed	DDR4 RDIMM/LRDIMM 3200	
	Capacity	Up to 2TB	
	Memory channel	8 Channels per CPU	
Expansion Slots	Memory voltage	1.2V	
	PCIe	(5) PCIe Gen.4 x16 slots	
	Pre-installed TYAN Riser Card (PCIe Gen.4)	(1) M7129F83A-L16 riser card for (1) PCIe Gen.4 x16 slot with PCIe Gen.4 x8 lane	
LAN	Port Q'ty	(2) GbE ports + (1) GbE dedicated for IPMI	
	Controller	Intel I210	
	PHY	Realtek RTL8211E	
Storage	SATA	Connector	(2) SFF-8643 for (8) front SATA drives
		Controller	Direct from AMD EPYC CPU
		Speed	6Gb/s
		RAID	N/A
	NVMe	Connector(M.2)	(2) 22110/2280 (by PCIe Gen.3/4 interface)
Connector(U.2)	(1) SFF-8654 for (2) NVMe ports (Gen.3 only)		
Graphic	Connector type	D-Sub 15-pin	
	Resolution	Up to 1920x1200	
	Chipset	Aspeed AST2500	
Input /Output	USB	(2) USB3.0 ports (@ rear)	
	VGA	(1) D-Sub 15-pin port	
	RJ-45	(2) GbE ports + (1) dedicated GbE for IPMI	
	COM	(1) DB-9 COM port	

TPM (Optional)	TPM Support	Please refer to our TPM supported list.
System Monitoring	Chipset	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
Server Management	Others	Watchdog timer support
	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
BIOS	AST2500 IPMI Feature	IPMI 2.0 compliant baseboard management controller (BMC) / 10/100/1000 Mb/s MAC interface
	Brand / ROM size	AMI / 32MB
Operating System	Feature	Hardware Monitor / FAN speed control automatic / Boot from USB device/PXE via LAN/Storage / Console Redirection / SMBIOS 3.0/PnP/Wake on LAN / ACPI sleeping states S0, S5
	OS supported list	Please refer to our AVL support lists.
Regulation	FCC (SDoC)	Class A
	CE (DoC)	Class A
	RCM	Class A
	VCCI	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

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Transport HX FT65T-B8030

B8030F65TV8E2H-N

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Specifications

Top View



System	Form Factor	4U Rackmount	
	Chassis Name	FT65T	
	Dimension (D x W x H)	25.59" x 17.245" x 6.93" (650 x 438 x 176mm)	
Front Panel	Buttons	(1) ID / (1) PWR w/ LED / (1) RST	
	LEDs	(1) HDD / (1) ID / (1) System Event / (2) LAN activity	
	I/O Ports	(2) USB 3.0 ports	
External Drive Bay	Q'ty / Type	(2) 2.5" Hot-Swap NVMe HDD/SSDs / (8) 3.5" Hot-Swap HDD/SSDs	
	HDD backplane support	SAS 12Gb/s / SATA 6Gb/s / NVMe	
	Supported HDD Interface	(2) SATA 6Gb/s / NVMe / (8) SATA 6Gb/s / SAS 12Gb/s	
System Cooling Configuration	FAN	(2) 8038 hot-swap FAN module at rear / (3) easy-swap 12038 fans	
	Type	ATX	
Power Supply	Input Range	AC 100~240V/12~15A	
	Efficiency	Platinum	
	Output Watts	2,000 Watts	
Processor	Q'ty / Socket Type	(1) AMD Socket SP3	
	Supported CPU Series	(1) AMD EPYC™ 7002/7003 Series Processor	
	Thermal Design Power (TDP) wattage	Max up to 280W	
Memory	Supported DIMM Qty	(8) DIMM slots	
	DIMM Type / Speed	DDR4 RDIMM/LRDIMM 3200	
	Capacity	Up to 2TB	
	Memory channel	8 Channels per CPU	
	Memory voltage	1.2V	
Expansion Slots	PCIe	(5) PCIe Gen.4 x16 slots	
	Pre-installed TYAN Riser Card (PCIe Gen.4)	(1) M7129F83A-L16 riser card for (1) PCIe Gen.4 x16 slot with PCIe Gen.4 x8 lane	
LAN	Port Q'ty	(2) GbE ports + (1) GbE dedicated for IPMI	
	Controller	Intel I210	
	PHY	Realtek RTL8211E	
Storage	SATA	Connector	(2) SFF-8643 for (8) front SATA drives
		Controller	Direct from AMD EPYC CPU
		Speed	6Gb/s
		RAID	N/A
	NVMe	Connector(M.2)	(2) 22110/2280 (by PCIe Gen.3/4 interface)
	Connector(U.2)	(1) SFF-8654 for (2) NVMe ports (Gen.3 only)	
Graphic	Connector type	D-Sub 15-pin	
	Resolution	Up to 1920x1200	
	Chipset	Aspeed AST2500	
Input /Output	USB	(2) USB3.0 ports (@ rear)	
	VGA	(1) D-Sub 15-pin port	
	RJ-45	(2) 10GbE ports + (2) GbE ports + (1) dedicated GbE for IPMI	
	COM	(1) DB-9 COM port	

TPM (Optional)	TPM Support	Please refer to our TPM supported list.
System Monitoring	Chipset	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
Server Management	Others	Watchdog timer support
	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
BIOS	AST2500 IPMI Feature	IPMI 2.0 compliant baseboard management controller (BMC) / 10/100/1000 Mb/s MAC interface
	Brand / ROM size	AMI / 32MB
Operating System	Feature	Hardware Monitor / FAN speed control automatic / Boot from USB device/PXE via LAN/Storage / Console Redirection / SMBIOS 3.0/PnP/Wake on LAN / ACPI sleeping states S0, S5
	OS supported list	Please refer to our AVL support lists.
Regulation	FCC (SDoC)	Class A
	CE (DoC)	Class A
	RCM	Class A
	VCCI	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

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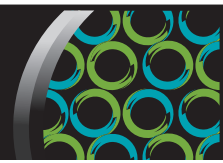
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Specifications

Top View



System	Form Factor	4U Rackmount	TPM (Optional)	TPM Support	Please refer to our TPM supported list.	
	Chassis Name	FT65T		System Monitoring	Chipset	Aspeed AST2500
	Dimension (D x W x H)	25.59" x 17.245" x 6.93" (650 x 438 x 176mm)			Voltage	Monitors voltage for CPU, memory, chipset & power supply
	Motherboard	S8030GM4NE-2T			Temperature	Monitors temperature for CPU & memory & system environment
Front Panel	Buttons	(1) ID / (1) PWR w/ LED / (1) RST	Server Management		LED (On system front panel)	Over temperature warning indicator / Fan & PSU fail LED indicator
	LEDs	(1) HDD / (1) ID / (1) System Event / (2) LAN activity		Others	Watchdog timer support	
	I/O Ports	(2) USB 3.0 ports		Onboard Chipset	Onboard Aspeed AST2500	
External Drive Bay	Q'ty / Type	(2) 2.5" Hot-Swap NVMe HDD/SSDs / (8) 3.5" Hot-Swap HDD/SSDs	BIOS	AST2500 iKVM Feature	24-bit high quality video compression / Supports storage over IP and remote platform-flash / USB 2.0 virtual hub	
	HDD backplane support	SAS 12Gb/s / SATA 6Gb/s / NVMe		Operating System	AST2500 IPMI Feature	IPMI 2.0 compliant baseboard management controller (BMC) / 10/100/1000 Mb/s MAC interface
System Cooling Configuration	FAN	(2) 8038 hot-swap FAN module at rear / (3) easy-swap 12038 fans	Regulation		Brand / ROM size	AMI / 32MB
	Type	ATX		Operating Environment	Feature	Hardware Monitor / FAN speed control automatic / Boot from USB device/PXE via LAN/Storage / Console Redirection / SMBIOS 3.0/PnP/Wake on LAN / ACPI sleeping states S0, S5
Power Supply	Input Range	AC 100~240V/12~15A	RoHS		OS supported list	Please refer to our AVL support lists.
	Efficiency	Platinum		FCC (SDoC)	Class A	
	Output Watts	2,000 Watts	CE (DoC)	Class A		
Processor	Q'ty / Socket Type	(1) AMD Socket SP3	Memory	RCCM	Class A	
	Supported CPU Series	(1) AMD EPYC™ 7002/7003 Series Processor		VCCI	Class A	
	Thermal Design Power (TDP) wattage	Max up to 280W	Capacity	Up to 2TB	CB/LVD	Yes
Memory	Supported DIMM Qty	(8) DIMM slots	Expansion Slots	Memory channel	8 Channels per CPU	
	DIMM Type / Speed	DDR4 RDIMM/LRDIMM 3200		PCIe	(5) PCIe Gen.4 x16 slots	
	Capacity	Up to 2TB	Pre-installed TYAN Riser Card (PCIe Gen.4)	(1) M7129F83A-L16 riser card for (1) PCIe Gen.4 x16 slot with PCIe Gen.4 x8 lane		
	Memory voltage	1.2V	LAN	Port Q'ty	(2) 10GbE ports + (2) GbE ports + (1) GbE dedicated for IPMI	
Expansion Slots	PCle	(5) PCIe Gen.4 x16 slots		Controller	Intel I210 / Intel X550-AT2	
	Storage	SATA	Connector	(2) SFF-8643 for (8) front SATA drives		
			Controller	Direct from AMD EPYC CPU		
	Graphic	NVMe	Speed	6Gb/s		
RAID			N/A			
Input /Output	Connector type	D-Sub 15-pin	Resolution	Up to 1920x1200		
	Resolution	Up to 1920x1200		Chipset	Aspeed AST2500	
	USB	(2) USB3.0 ports (@ rear)	VGA	(1) D-Sub 15-pin port		
	VGA	(1) D-Sub 15-pin port		RJ-45	(2) 10GbE ports + (2) GbE ports + (1) dedicated GbE for IPMI	
COM	(1) DB-9 COM port					

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