

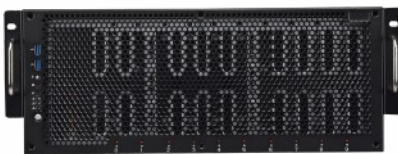
 Broadberry

Broadberry GPU Server CyberServe FT77CB7079[®]

Dual Socket, 8 GPU Platform based on the Tyan FT77CB7079

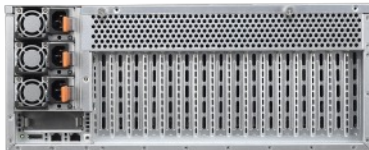


Front View



(10) Hot-swap 3.5"/2.5" SATA/SAS 6G HDDs

Back View



(8) PCI-E Gen.3 x16 slots
(1) PCI-E Gen.3 x8 slot for mezzanine card (underneath PSUs)
(2+1) 3,200W RPSU @ 220Vac

4U Server Platform Designed for up to 8x Coprocessor / GPGPU Modules Deployment

Dual LGA2011 socket supports (2) E5-2600 v3 series processors
Intel® C612 PCH

(12)+(12) DIMM slots

Support up to 768GB RDIMM DDR4 2133/1866/1600

Support up to 1,536GB LRDIMM DDR4 2133/1600

Support up to 3,072GB LRDIMM 3DS DDR4 2133/1600

Follow latest Intel DDR4 Memory POR

(8) Full-Height/ Full-Length PCI-E Gen3 x16 slots

(1) Full-Height/ Full-Length PCI-E Gen3 x8 slot

(1) Full-Height/ Full-Length PCI-E Gen3 x8 slot for Mezz card

(3) Full-Height/ Full-Length PCI-E Gen3 x1 slots

(10) Hot-swap 3.5"/2.5" SATA/SAS 6G HDDs

(2) 10GbE (via Intel® X540-AT2) (-2T SKU)

(2) GbE (via Intel® I350-BT2)"

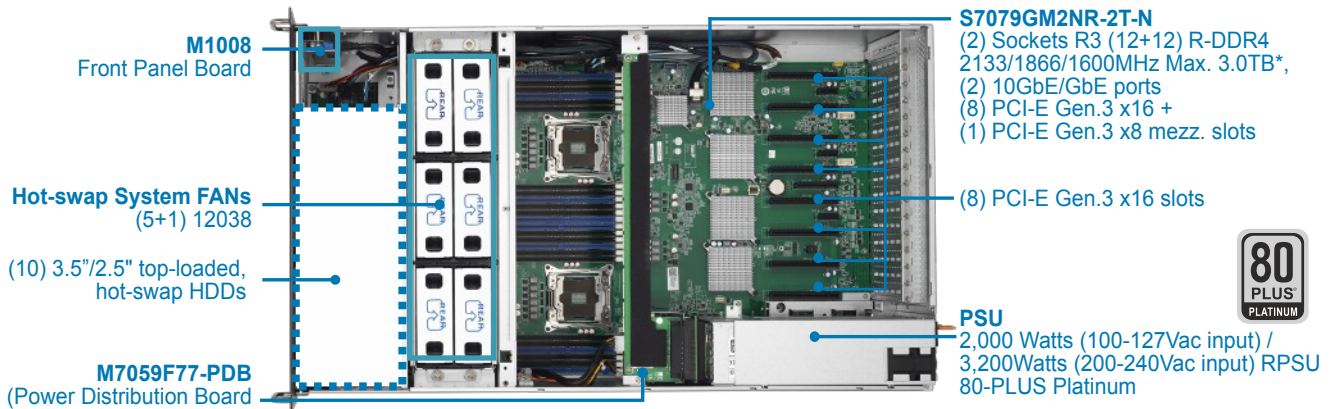
Onboard BMC w/ IPMI and iKVM support

(2+1) 2,000 Watts (100-127Vac input) / 3,200Watts (200-240Vac input) RPSU,
80-PLUS Platinum

Learn More, or Configure Online:
broadberry.co.uk/rackmount-servers

Call Our UK Sales Team Now!
020 8997 6000

Top View



System	Form Factor	4U Rackmount
	Chassis Name	FT77C
	Dimension (H x W x D)	30.31" x 17.24" x 6.93" (770 x 438 x 176mm)
	Motherboard	S7079GM2NR-2T-N S7079GM2NR-N
Front Panel	Gross Weight	35 kg
	Buttons	(1) RST / (1) ID / (1) PWR w/ LED
	LEDs	(1) HDD / (2) LAN / (1) ID / (1) IPMI/Warning
External Drive Bay	I/O Ports	(2) USB ports
	Type / Q'ty	3.5"/2.5" Hot-Swap / (10)
System Cooling Configuration	HDD backplane support Interface	SAS / SATA 6.0Gb/s
	FAN	(5+1) hot-swap 12cm fans
Power Supply	Type	RPSU
	Input Range	100-127V AC/8A 200-240V AC/ 4A
	Efficiency	80-PLUS Platinum
	Output Watts	2,000 Watts (100-127Vac input) 3,200 Watts (200-240Vac input)
	Redundancy	2+1
Processor	Supported CPU Series	Intel® Xeon® Processor E5-2600 v3 series
	Socket Type / Q'ty	LGA2011/ (2)
	Thermal Design Power (TDP) wattage	Max up to 145W
	System Bus	Up to 9.6/ 8.0/ 6.4 GT/s with Intel® QuickPath Interconnect (QPI) support
Chipset	Chipset	Intel® C612
	Super I/O	-
Memory	Supported DIMM Qty	(12)+(12) DIMM slots
	DIMM Type / Speed	RDIMM DDR4 2133/1866/1600 / LRDIMM DDR4 2133/1600 / LRDIMM 3DS DDR4 2133/1600
	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) Full-Height/ Full-Length PCI-E Gen3 x16 slots (1) Full-Height/ Full-Length PCI-E Gen3 x8 slot (1) Full-Height/ Full-Length PCI-E Gen3 x8 slot for Mezz card (3) Full-Height/ Full-Length PCI-E Gen3 x1 slots
	Pre-install TYAN Riser Card	M2210-L8-1F, PCI-E Gen3 x8 slot (left)

LAN	Port Q'ty	(2) 10GbE RJ-45 (1 port shared with IPMI) (-2T SKU) (2) GbE RJ-45 (1 port shared with IPMI)	
	Controller	Intel® X540-AT2 (-2T SKU) 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 RST)	
Graphic	Connector type	(1) Display/USB 2.0 port	
	Resolution	Up to 1920x1200	
Input / Output	Chipset	Aspeed AST2400	
	USB	(2) USB3.0/2.0 ports (at front)	
	COM	N/A	
	VGA	(1) Display/USB2.0 port (via a dongle cable)	
	RJ-45	(2) GbE ports (1 port shared with IPMI)	
System Monitoring	SFP+	N/A	
	Chipset	Onboard Aspeed AST2400	
	Voltage	Monitors voltage for CPU, memory, chipset & power supply	
	Temperature	Monitors temperature for CPU & memory & system environment	
Server Management	LED (On system front panel)	Over temperature warning indicator / Fan & PSU fail LED indicator	
	Others	Watchdog timer support	
	Onboard Chipset	Onboard Aspeed AST2400	
BIOS	AST2300 iKVM Feature	24-bit high quality video compression / 10/100 Mb/s MAC interface	
	Brand / ROM size	AMI / 16MB	
Operating System	Feature	SMBIOS 2.7/PnP/Wake on LAN / ACPI 3.0/PXE boot	
	OS supported list	Please refer to our Intel OS supported list.	
Regulation	FCC (DoC)	Class A	
	CE (DoC)	Yes	
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 Compliant	Yes	

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