

DMS-SA21

High Performance 4U Server System with Dual LGA 2011-R3 Intel Xeon®E5-2600 v3/v4 CPU DDR4, 4 PCIe x16(Double-Width)+2 PCIe x8 Server Board



Features

- Server Board with dual Xeon E5-2600(v3/v4) processor,
- 16xDIMM DDR4 support up to 512GB
- 4 x PCIe x16 (double-width) slots (Gen3) + 2 x PCIe x8 slots
- Supports (2+2) 2600W 80+ Platinum redundant power supply
- Front access hot-swappable HDD, up to 8 drive bay for both 2.5" & 3.5"
- Hot-swappable system fan with slide-in design
- Lockable front door prevents unauthorized access

Specifications

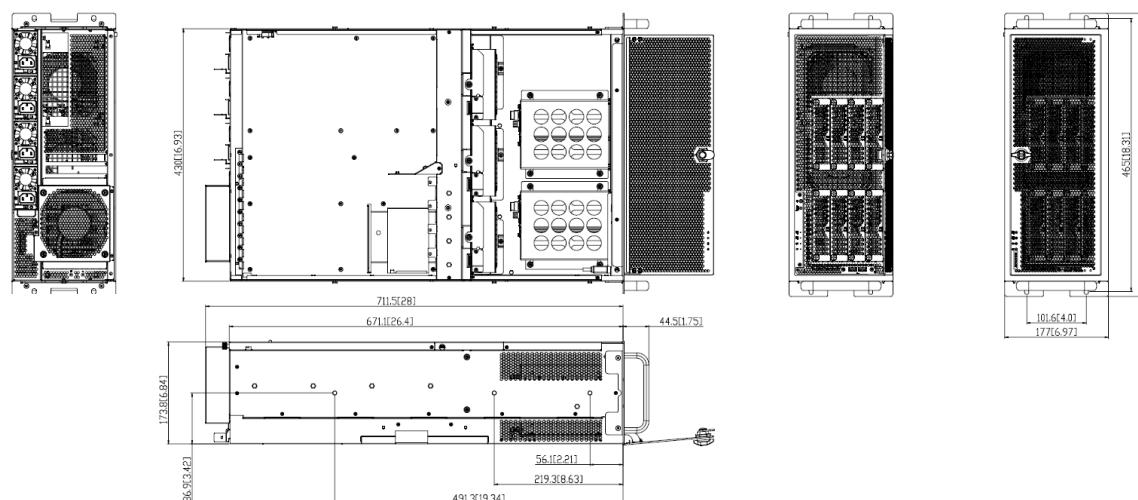
Processor System	Socket	Dual Intel LGA 2011-R3
	CPU type	Dual Intel Xeon E5-2600(v3/v4) processor (up to 120W TDP)
	Chipset	Intel C612 chipset
Memory	Total Slots	16 (Quad Channel)
	Capacity	Up to 512 GB ECC RDIMM
	Memory Type	288-Pin DDR4 ECC-REG 2133/1866/1600/1333 MHz DIMM
	Memory Size	1 GB, 2 GB, 4 GB, 8 GB, 16 GB, 32 GB
Expansion Slots	Total PCIe Slots	9
	Slot Location 1	1 x PCIe x16 slot (Gen3x16 link) for double-width expansion cards, signal from CPU0
	Slot Location 2	1 x PCIe x16 slot (Gen3x8 link), signal from CPU0
	Slot Location 3	1 x PCIe x16 slot (Gen3 x8 link, or Gen3 x16 link when slot location 2 is not occupied), signal from CPU0
	Slot Location 4	1 x PCIe x4 slot (Gen2x4 link), signal from PCH
	Slot Location 5	1 x PCIe x16 slot (Gen3x16 link) for double-width expansion cards, signal from CPU1
	Slot Location 6	1 x PCIe x16 slot (Gen3x8 link), signal from CPU1
	Slot Location 7	1 x PCIe x16 slot (Gen3x8 link, or Gen3 x16 link when slot location 6 is not occupied), signal from CPU1
	Slot Location 8	1 x PCIe x8 slot (Gen3x8 link), signal from CPU1
Storage	SATA Controller	Intel C612: 10 SATA3, 6 Gb/s ports Intel Matrix Storage (for Windows only) (SATA0-SATA5 and sSATA0-sSATA3 Supports software RAID 0, 1, 10 & 5)
	3.5" / 2.5" Drive Bay	8, Front accessible
Networking	Interface	Dual 10/100/1000 Mbps Gigabit Ethernet
	Controller	2 x Intel I210AT
Graphic	VGA	Aspeed AST2400 64 MB
Front Panel	LED Indicator	System : Power status, HDD activity, LAN1, LAN2 HDD: individual power status, individual HDD activity
	Control	Power switch and system rest button
I/O Interface	Front I/O	2 x USB 3.0
	Rear I/O	2 x USB 3.0, 2 x USB 2.0, 1 x Serial Port, 1x VGA, 3x RJ45, 1x PS/2 KB/Mouse
Watchdog Timer	Output	Interrupt, system reset
	Interval	Programmable, 1~255 sec
Power Supply	Output PWR Rating	(2+2) 2600W 80+ Platinum redundant power supply
	Input Voltage	AC 110~240V

Specifications Cont.

Cooling	Chassis Fan	3 x internal (120x38mm), 1 x external (120x38mm, optional)
Management Solution	Out of Band Remote Management	Yes
	CPU Temperature	Yes
	Monitoring for System	Yes (PMBus1.2 or higher support)
Environment	Temperature	Operating: 0~30° C, Non-operating: -40~70° C
	Humidity	Operating relative humidity: 10% ~ 95% @40° C, Non-operating relative humidity: 10% ~ 95% @60° C (non-condensing)
	Vibration	Operating: 0.3Grms, Non-operating: 2Grms (5~500Hz)
	Shock	10G (with 11ms duration, half sine wave)
Physical Characteristics	Dimensions (DxWxH)	671.1x430x177 mm/ 26.4x16.9x6.97 inches
	Weight	28.8kg

Dimensions

Unit: mm (inch)



Ordering Information

Part Number	Description
DMS-SA21-00A1E	4U Dual Intel E5-2600 bare bom (w/2+2 2600W RPU)

Packing List

Part Number	Description	Qty
1960055362N001	Cooler I-LGA2011 S-95W 90x90x65.65-SS(M)	2
1960070631S000	SLIDE (21A58-26)	1
2005SA2101	Startup Manual(3-in-1) for DMS-SA21 2nd ed	1
9652SA2100E	Accessory bag DMS-SA21	1
193b0204C0	F/S D=3.5 H=0.8 (1+) M2*4L ST/H BZn NK	1
1930000232	Screw M3x5L RF/S D=5.35 H=2 (2+) ST Ni NK	3
2100012566N000	BOX 230LX105WX65H mm (O) BNK P	1
2190508560	Zipper bag 85x60x0.04Tmm #2	8
1960070525N000	BRACKET FIX CONVEY BK For DMS-SA21	1
1960070536N000	BRACKET FIX BK For DMS-SA21	3
1930001361	Screw M3x4L S/S D=5 H=1.2 (2+) ST Ni NK	32
1930060501	BRACKET FIX BK For DMS-SA21	48
2065SA2100	Driver DVD for DMS-SA21 V1.0	1

Optional Accessory List

Part Number	Description	Qty
DMS-SA21-FAA1E	DMS-SA21 External FAN Kit	1
DMS-SA21-RISA1E	DMS-SA21 Riser card Kit	1

■ For sales inquiries or further information,
please contact us: Medical.dms@advantech.com.tw