

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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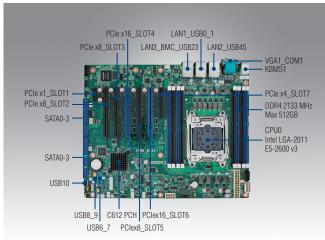






ASMB-813

LGA 2011-R3 Intel® Xeon® E5-2600 v3/v4 ATX Server Board with 8 DDR4 DIMM, 5 PCIe x16 Slot, 6 USB 3.0, IPMI



Features

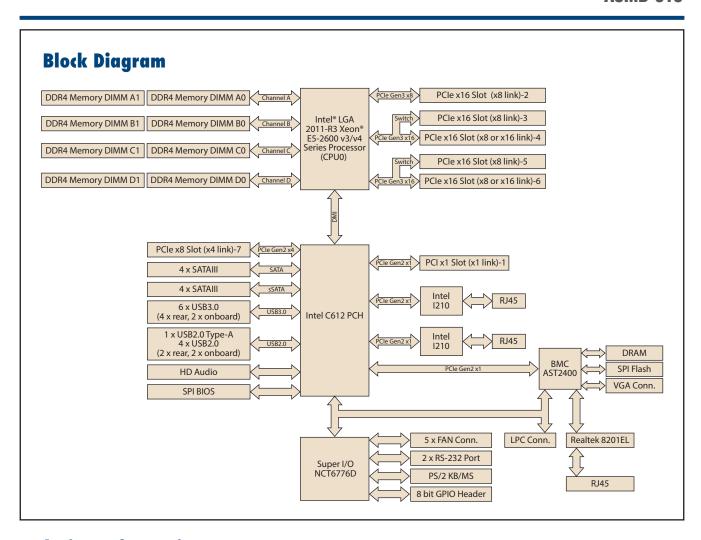
- ATX Server Board with Intel® Xeon® E5-2600 v3/v4 processor
- Eight DDR4 2400 MHz RDIMM up to 256 GB and support DDR4 NVDIMM
- Seven PCIe expansion slots: five PCIe x8 (or two x16 and one x8), one PCIe x4 and one PCIe x1
- 0 ~ 60 °C ambient operation temperature range

Quiet mware READY

C € FCC

Specifications

	ATX form factor				
Socket	Intel LGA 2011-R3				
	Intel® Xeon® E5-2600 v3/v4 Series	(CPU cooler should be purchase	ed separately and TDP up to 16	0W)	
CPU type	Intel® Xeon® E5-1600 v3/v4 Series				
Capacity					
Memory type	DDR4 ECC-REG 2400/2133/1866/1	600 MHz DIMM and NVDIMM (v	working with Xeon E5)		
, ,,					
	4 GB, 8 GB, 16 GB, 32 GB				
	[DOLL			
		rom PCH			
		ink when Slot 3 is occupied)			
	Pole v16 slot (Gen3 X8 link)	intruben Clat F in accur:1\			
	PCIe x16 slot (Gen3 x16 link or x8 link when Slot 5 is occupied)				
		IOIII PCH			
	ASpeed AS12400/1400 04 IVIB				
	Intel C612: 9 CATA2 6 Ch/s ports In	tal Panid Storage Technology (fo	or Windows only)		
SATA controller					
SAS controller	-	Support Software TIAID 0, 1, 10	Q 3)		
	2 v Intel I210AT				
	-	SSI 12 V nower connector ± 8-r	nin SSI 12 V nower connector		
			pin oor 12 v power connector		
		A GODZ.O porto) 1 1 A Typo A			
	•				
	1				
	2				
Audio Header	_				
	1				
	1			,	
External USB port	6 (4 x USB3.0 + 2 x USB2.0)				
VGA port	1				
RJ-45	3 (1 port dedicated for IPMI function	1)			
PS/2 KB/mouse	1				
Software	-				
Out of band remote management	Yes (ASMB-813I SKU only)				
	Yes				
Output					
Interval					
Power On	3.3V 5V	12V	5Vsb	-12V	
	1.53A 0.92A	12.21A	0.04A	0.04A	
		TEIE IT T		0.04/1	
	Operating		Non-operating	0.047	
Temperature Humidity					
	CPU type Chipset Total slots Capacity Memory type Memory size Total PCI/PCI-X/PCle slots Slot location 1 Slot location 2 Slot location 2 Slot location 4 Slot location 6 Slot location 6 Slot location 7 VGA IDE controller SATA controller SATA controller GbE LAN LPC connector PSU connector USB connector USB connector Fan header SMBus Chassis intruder Front LAN LED Audio Header External USB port VGA port RJ-45 PS/2 KB/mouse Software Out of band remote management CPU temperature System Monitoring Output Interval	Socket	CPU type	Socket	



Ordering Information

Part Number	Chipset	Memory	GbE LAN	IPMI	VGA Chip	
ASMB-813-00A1E	C612	8 x DDR4 RDIMM	2	-	AST 1400	
ASMR-813I-00A1F	C612	8 x DDR4 RDIMM	2	Yes	AST 2400	

Packing List

Part Number	Description	Quantity
2061813101	Driver CD	x 1
2001813I10	Startup manual	x 1
1700003194	SATA data cables	x 2
1700022749-11	SATA power cables	x 2
1700019748	CPU power cable(8P)	x 2
1960048321T020	I/O shield	x 1

I/O View





ASMB-813-00A1E

ASMB-813I-00A1E

Optional Accessories