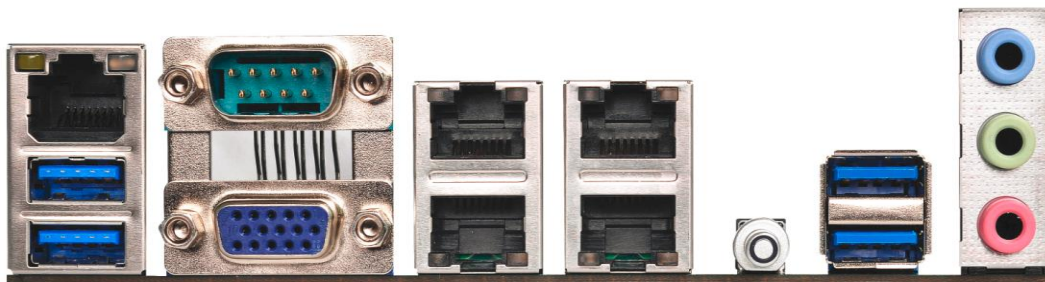
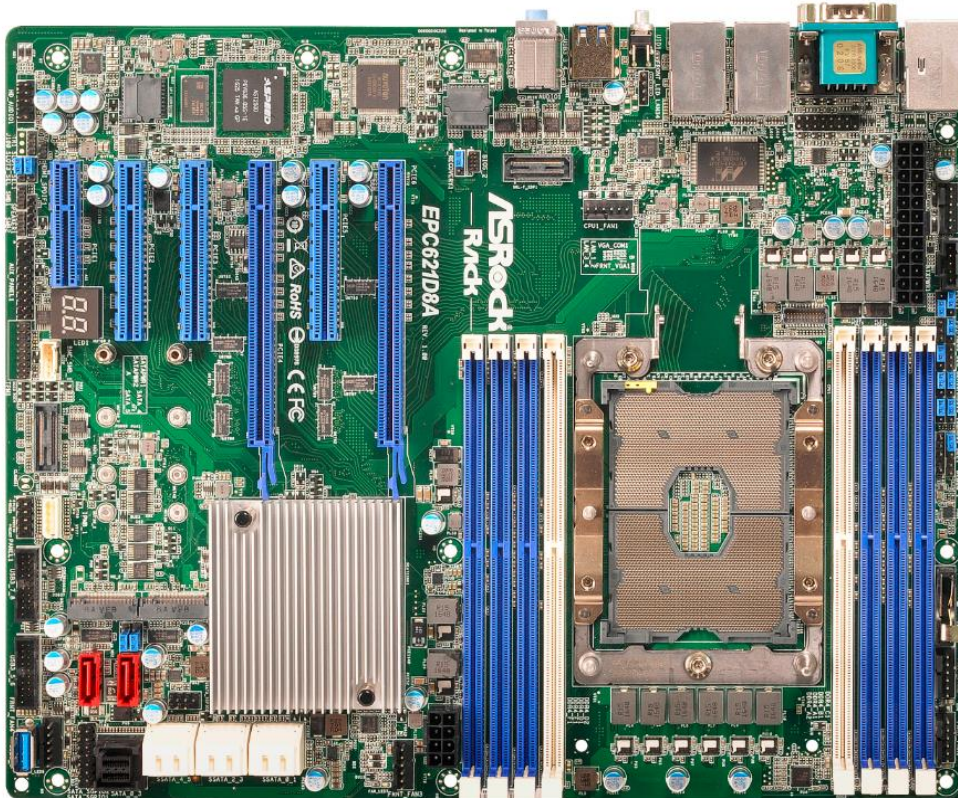


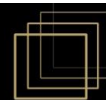


## EPC621D8A



### Product Brief

- ATX 12" x 9.6"
- Single Socket P support Intel Xeon processor E5-2600 v5 series
- Supports DDR4 2666/2400 R DIMM & LR DIMM, 8 x DIMM slots
- Supports 14 x SATA3 6.0 Gb/s by INTEL C621(including 1x SATA DOM ports and 1x M.2 ports)
- Supports 2 PCIe3.0x 16, 3 PCIe 3.0x8, 1 PCIe 3.0 x4 (share information mark in below table)



MB Physical Status	
Form Factor	-ATX
Dimensions	- 12"x9.6"
Processor System	
CPU	- Intel® Xeon® processor E5-2600 v5 series (Max 205W)
Socket	-Single Socket P
Chipset	- Intel® C621
System Memory	
Capacity	- 8 DIMM slots
Type	- Quad Channel memory technology
	- Support DDR4 2666/2400 RDIMM & LR DIMM
Voltage	- 1.2V
Expansion Slot	
PCIe 3.0 x 16	- 2 slots (slot4: share with slot3, X16/x8, Slot6: share with slot5, X16/x8)
PCIe 3.0 x 8	- 3 slots (slot2: x8, slot3: share with slot3, X0/x8, Slot5: share with slot6, X0/x8)
PCIe 3.0 x 4	- 1 slot
Storage	
SATA Controller	-Intel® C621 : 14x SATA3 (including 2 SATA DOM ports and 2 M.2 ports)
Ethernet	
Interface	1000 /100 /10 Mbps
LAN Controller	- 4 x RJ45 by Marvell 88E1543 for 4 ports GbE
Management	
BMC Controller	- ASPEED AST2500
IPMI Dedicated LAN	- 1 x Realtek RTL8211E for dedicated management GLAN
Features	- Watch Dog - NMI
Graphics	
Controller	- ASPEED AST2500
VRAM	- DDR4 256MB
Audio	
Audio codec	Realtek ALC1150
Rear Panel I/O	
VGA Port	- 1 x D-Sub
Serial port	- 1 x COM port
USB 3.0 Port	- 4
Lan Port	- 4+1 RJ45 Gigabit Ethernet LAN port - LAN Ports with LED (ACT/LINK LED and SPEED LED)
Audio Jack	3 hole
Internal Connector	
Auxiliary Panel Header	- 1 (includes chassis intrusion, location button & LED, front LAN LED)
TPM Header	-1
IPMB Header	-1
Buzzer	-1

Fan Header	- 2x CPU Fan, 5x system Fan (4 front, 1 rear)
ATX Power	- 1 (24-pin) + 1 (8-pin)
USB 3.0 Header	- 2 ( support 4 ports USB 3.0)
M.2	-2 (up to 2280, SATA and PCIe x1)
Type A USB 3.0 Port	-1
SATA DOM	-2
<b>System BIOS</b>	
BIOS Type	- 256MB AMI UEFI Legal BIOS - Plug and Play (PnP)
BIOS Features	- ACPI 2.0 Compliance Wake Up Events - SMBIOS 2.8 Support - ASRock Rack Instant Flash
<b>Hardware Monitor</b>	
Temperature	- CPU Temperature Sensing - System Temperature Sensing
Fan	- CPU/Rear/Front Fan Tachometer - CPU Quiet Fan (Allow Chassis Fan Speed Auto-Adjust by CPU Temperature) - CPU/Rear/Front Fan Multi-Speed Control
Voltage	- voltage monitoring: +12V, +5V, +3.3V, CPU vcore, DRAM, 1.05V_PCH, +BAT, 3VSB, 5VSB