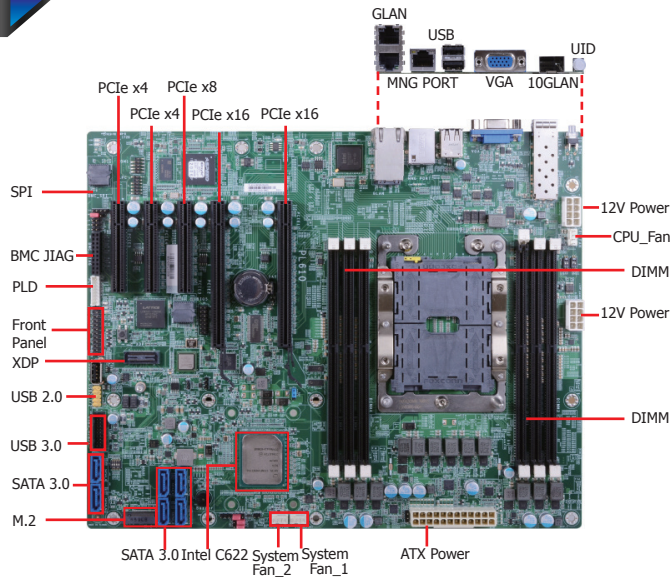


PL610-C622

Server-grade

C622

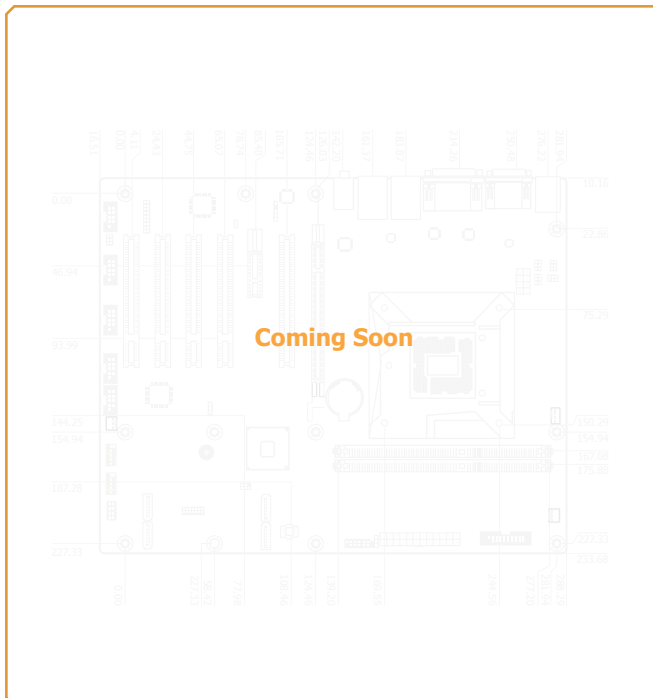


Features

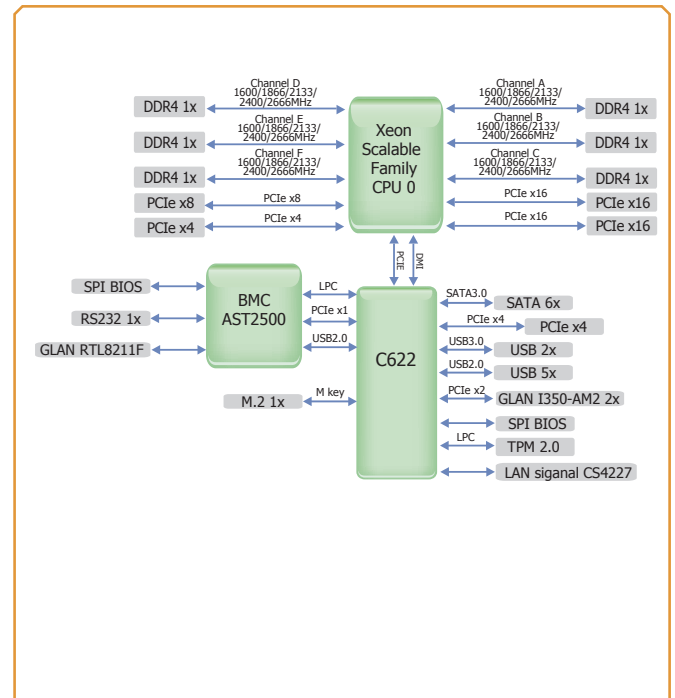
- 6 DDR4 RDIMM up to 192GB
- VGA resolution up to 1920x1200 @ 60Hz
- Multiple expansion: 2 PCIe x16, 1 PCIe x8, 2 PCIe x4, 1 M.2
- Rich I/O: 2 Intel GbE, 1 dedicated IPMI LAN, 1x Fiber 10 GbE, 1 COM, 6 SATA 3.0, 5 USB 2.0, 2 USB 3.0



Mechanical Drawing



Block Diagram



Specifications

SYSTEM	Processor	Intel® Xeon® Scalable Processor Family, LGA 3647 Socket	
	Chipset	Intel® C622 Chipset	
	Memory	Six 288-pin RDIMM up to 192GB	Singel Channel DDR4 1600/1866/2133/2400/2666MHz
	BIOS	Insyde SPI 128Mbit	
GRAPHICS	Display	1 x VGA	
	Single Displays	VGA	
EXPANSION	Interface	2 x PCIe x16 (Gen 3)	
		1 x PCIe x8 (Gen 3)	
		2 x PCIe x4 (Gen 3)	
		1 x M.2 2280, M key	
AUDIO	Audio Codec	N/A	
ETHERNET	Controller	GbE: i350-AM2	
		10GbE: CS4227 IPMI: RTL8211F	
REAR I/O	Ethernet	2 x GbE (RJ-45)	
		1 x dedicated IPMI LAN	
		1x Fiber 10 GbE	
	USB	2 x USB 2.0	
	PS/2	1 x PS/2 (mini-DIN-6)	
	Display	1 x VGA	
	Serial	1 x RS-232 (2.54mm pitch)	
INTERNAL I/O	USB	2 x USB 2.0 (2.54mm pitch)	
		1 x Vertical USB 2.0	
		2 x USB 3.0	
	SATA	6 x SATA 3.0 (up to 6Gb/s)	
WATCHDOG TIMER	Output & Interval	System Reset, Programmable via Software from 1 to 255 Seconds	
SECURITY	TPM	Infineon TPM2.0 (optional)	
POWER	Type	ATX	
	Connector	8-pin ATX 12V power	24-pin ATX power
	Consumption	TBD	
	RTC Battery	CR2032 Coin Cell	
OS SUPPORT		TBD	
ENVIRONMENT	Temperature	Operating: 0 to 60°C	Storage: -40 to 85°C
	Humidity	Operating: 5 to 90% RH	Storage: 5 to 90% RH
	MTBF	TBD	
	Dimensions	ATX Form Factor	
MECHANICAL	Height	305mm (12") x 244mm (9.6")	
		Top Side: TBD mm Bottom Side: TBD	

Ordering Information

Model Name	P/N	10GbE	GbE	RS-232/422/485	RS-232	USB 3.0	USB 2.0	Power	Thermal	Temp.
PL610-C622	770-PL6101-000G	1	2	0	1	2	5	ATX	Fanless	0~60°C

Packing List

• 1 PL610-C622 motherboard	
• 1 COM port cable (Length: 400mm, 2 x COM ports)	TBD
• 1 Serial ATA data cable (Length: 500mm)	TBD
• 1 I/O shield	TBD
• 1 DVD	

Optional Items

• USB port cable (Length: 398mm)	TBD
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