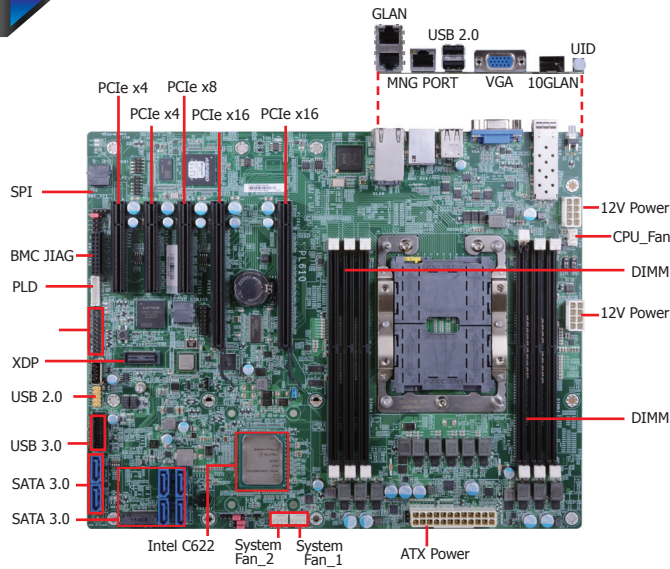


# PL610-C622

Server-grade

C622



## Features

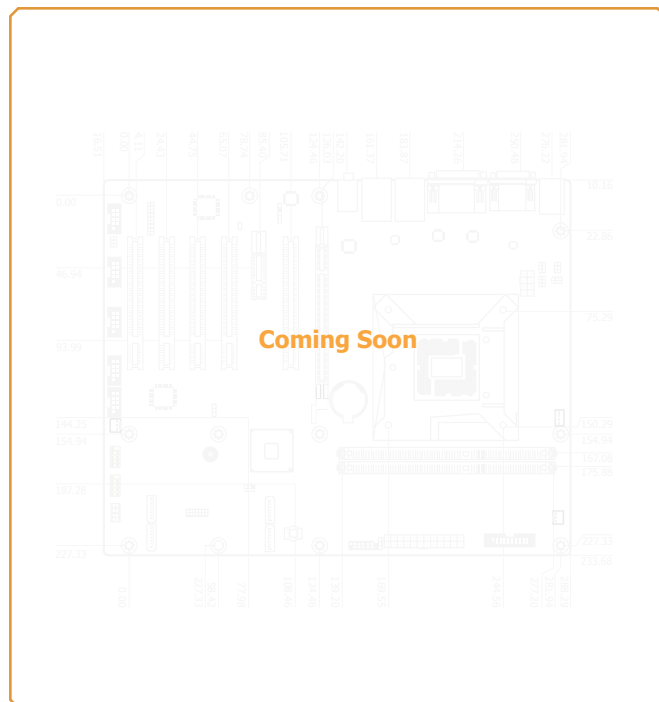
- 6 DDR4 DIMM up to 1TB
- VGA resolution up to 1920x1200 @ 60Hz
- Multiple expansion: 2 PCIe x16, 1 PCIe x8, 2 PCIe x4, 1 M.2
- Rich I/O: 2 Intel GbE, 1 dedicated IPMI LAN, 1x Fiber 10 GbE, 1 COM, 6 SATA 3.0, 5 USB 2.0, 2 USB 3.0



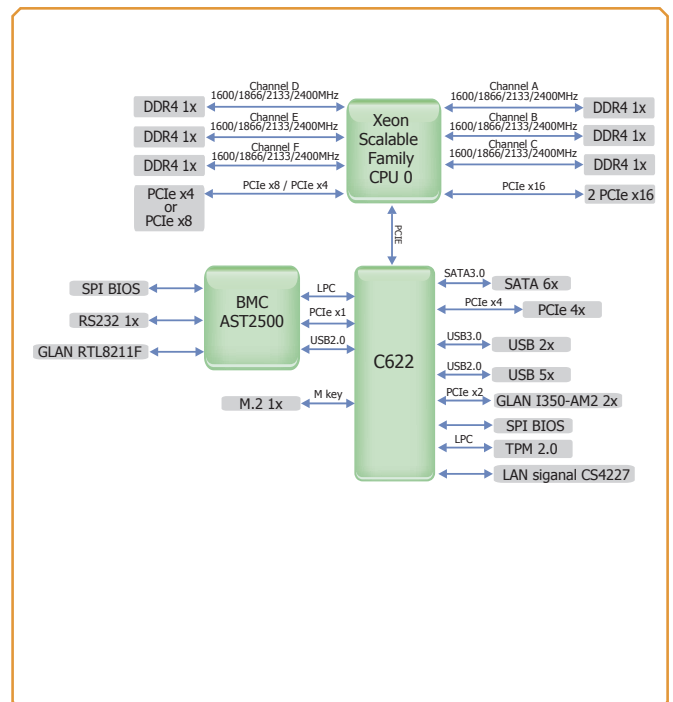
## Ordering Information

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

## Mechanical Drawing



## Block Diagram



## ► Specifications

<b>SYSTEM</b>	<b>Processor</b>	Intel® Xeon® Scalable Processor Family, LGA 3647 Socket	
	<b>Chipset</b>	Intel® C622 Chipset	
	<b>Memory</b>	Six 288-pin DIMM up to 1TB	Singel Channel DDR4 1600/1866/2133/2400MHz
	<b>BIOS</b>	Insyde SPI 128Mbit	
<b>GRAPHICS</b>	<b>Display</b>	1 x VGA	
	<b>Single Displays</b>	VGA	
<b>EXPANSION</b>	<b>Interface</b>	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	
<b>AUDIO</b>	<b>Audio Codec</b>	Realtek 8201EL	
<b>ETHERNET</b>	<b>Controller</b>	GbE: i350-AM2 10GbE: CS4227 IPMI: RTL8211F	
<b>REAR I/O</b>	<b>Ethernet</b>	2 x GbE (RJ-45) 1 x dedicated IPMI LAN 1x Fiber 10 GbE	
	<b>USB</b>	2 x USB 2.0	
	<b>PS/2</b>	1 x PS/2 (mini-DIN-6)	
	<b>Display</b>	1 x VGA	
<b>INTERNAL I/O</b>	<b>Serial</b>	1 x RS-232 (2.54mm pitch)	
	<b>USB</b>	2 x USB 2.0 (2.54mm pitch) 1 x Vertical USB 2.0 2 x USB 3.0	
	<b>SATA</b>	6 x SATA 3.0 (up to 6Gb/s)	
	<b>SMBus</b>	-	
	<b>WATCHDOG TIMER</b>	<b>Output &amp; Interval</b>	System Reset, Programmable via Software from 1 to 255 Seconds
<b>SECURITY</b>	<b>TPM</b>	2.0	
<b>POWER</b>	<b>Type</b>	ATX	
	<b>Connector</b>	8-pin ATX 12V power	24-pin ATX power
	<b>Consumption</b>	TBD	
	<b>RTC Battery</b>	CR2032 Coin Cell	
<b>OS SUPPORT</b>		TBD	
<b>ENVIRONMENT</b>	<b>Temperature</b>	Operating: 0 to 60°C	Storage: -40 to 85°C
	<b>Humidity</b>	Operating: 5 to 90% RH	Storage: 5 to 90% RH
	<b>MTBF</b>	TBD	
<b>MECHANICAL</b>	<b>Dimensions</b>	ATX Form Factor	305mm (12") x 244mm (9.6")
	<b>Height</b>	PCB: TBD	Top Side: TBD mm Bottom Side: TBD

## ► 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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