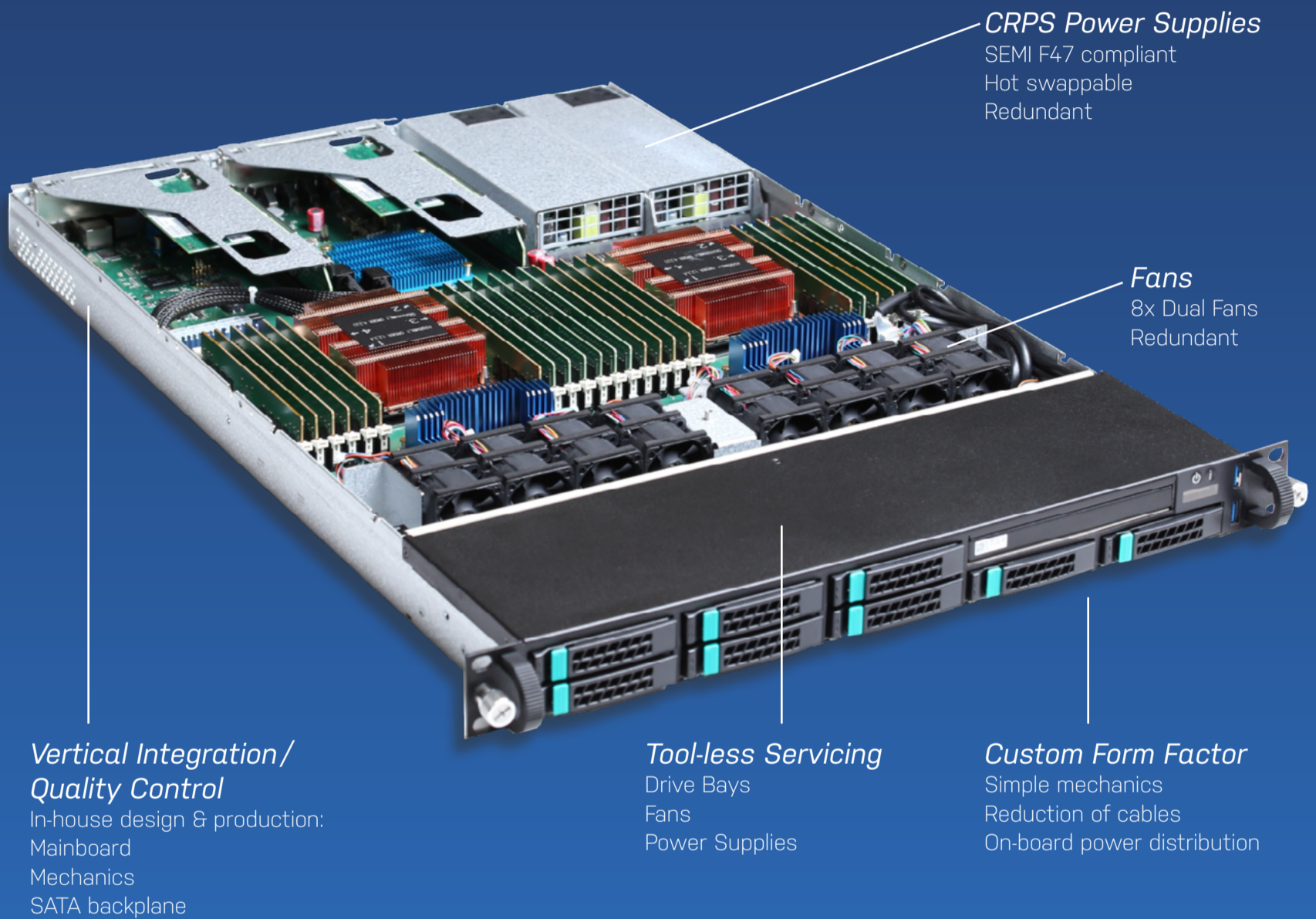


# Zeus Xeon® Scalable Series



**CRPS Power Supplies**

SEMI F47 compliant  
Hot swappable  
Redundant

**Fans**

8x Dual Fans  
Redundant

**Vertical Integration/  
Quality Control**

In-house design & production:  
Mainboard  
Mechanics  
SATA backplane

**Tool-less Servicing**

Drive Bays  
Fans  
Power Supplies

**Custom Form Factor**

Simple mechanics  
Reduction of cables  
On-board power distribution

Offering high reliability and long lifecycle, Prodrive Technologies' Zeus Server series are the best fit for high-end embedded computing applications such as image processing, motion control, and system control. Stand-alone or combined with the Zeus High Performance Cabinet, the Zeus line of products will tackle the toughest jobs in industrial-grade embedded computing.

The Zeus computing platform is the perfect server platform for a wide range of medical, industrial and semiconductor type of markets. It complies to multiple standards including the SEMI F47.

# Zeus Xeon® Scalable Series

Motherboard	
Prodrive Zeus Intel® Xeon® Scalable	
Chipset Intel® C622	

Processor/Cache	
CPU	Dual Intel® Xeon® Scalable Processor
Socket	Dual LGA3647
Cores	Up to 24 cores per CPU
Cache	Up to 33MB per CPU
System bus	QPI up to 10.4 GT/s

System Memory	
Type	Up to 2666MT/s ECC DDR4 SDRAM (L)RDIMM
Size	Up to 768GB (12 slots) per CPU

On-board Devices	
SAS/SATA	Up to 8x SATA3.0 compatible ports
	Optional SAS3.0 via PCIe add-in card
	On-board M.2 slot
RAID	RAID 0/1/5/10 via iRST
	Optional HW RAID via PCIe add-in card
Network	Quad 1G Ethernet Controller (Intel® I350)
	Dual 10G Ethernet Controller (PCH)
BMC	ASPEED AST2500

# Zeus Xeon® Scalable Series

Input/Output	
Ethernet	4x 1000BASE-T ports (CPU)
	1x 1000BASE-T ports (BMC/PCH)
	2x SFP+ 10GbE (PCH)
USB	6x USB3.0 (2x front, 4x rear)
RS-232	1x RS-232 (rear)
Video	1x DisplayPort 1.1A
OLED	1x OLED screen for diagnostics

Power Supply	
PSU	Up to 2x 850W CRPS hot-swappable
AC input	100-127 VAC / 200-240 VAC

Storage/Media	
8x 2.5" hot-swappable drive bays	
1x DVD slim drive (optional)	

Add-in Cards	
PCIe slots	2x PCIe x16 Full Height / Half Length

Conditions & Standards	
Ambient temperature	0-35 °C
SEMI	SEMI F47
Safety/EMC	EN62368-1, CISPR24, CISPR32
Substances	RoHS, REACH
Marks	CE, FCC, KC

OS Support	
Windows	All modern x86 32/64 bit OS supported
Linux	Specific OS support at request