

NCS Industrial Computers

Committed to excellence since 1975

RUGGED SERVER XEON D-1559 for industrial, military and Marine applications. The lightweight **SERVER XEON D** is housed in a billet aluminum enclosure with sealed connectors. Multiple mounting options allow for easy integration into confined spaces



INDUSTRIAL SERVER XEON D-15xx

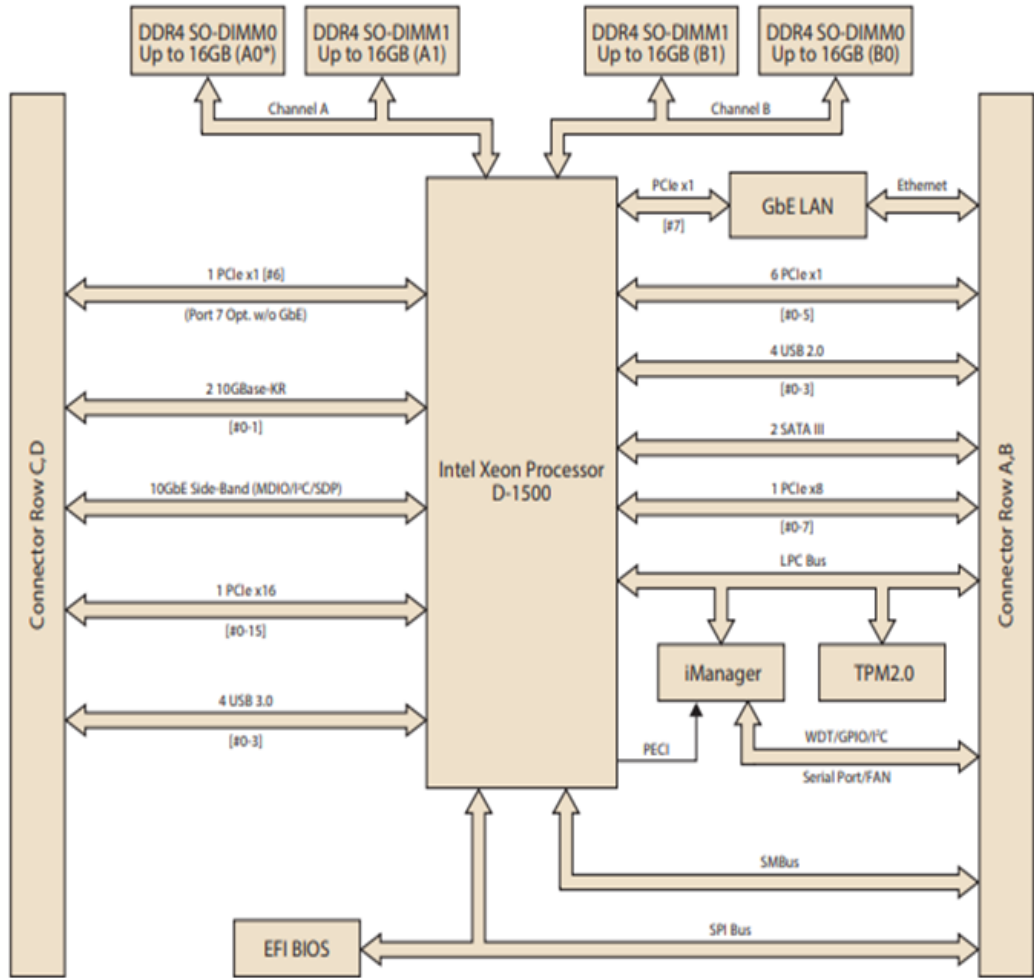
Rugged Completely Sealed IP65 NEMA4/4X, dust/water resistant protection, wide range operating temperature, XEON D-1559™ 1.5 GHz 12 Cores

Operating Temperature -40°C to + 70°C

Small dimensions of box : W=483 (19") x H=88.8 (2U) x D=250mm (9.84")

**Your problem is our challenge. When Your mission is critical
Make your life simpler by utilizing NCS' 45 plus years of experience.
All of our Systems are designed to operate in very hostile environments.**

Block Diagram



all aluminum IP65 rugged 19"/2U SERVER/Xeon D-1559

Features	Description	
Model	<ul style="list-style-type: none"> Rugged Completely Sealed IP65/NEMA4X mod. Xeon-SERVER/D 	
System Processor	Processor	Xeon D-1559™ 1.5GHz/2.1GHz Burst 12 Cores (45W TDP)
	CHIP SET	integrated in SoC
	BIOS	Based on AMI Aptio UEFI
Memory	Max. Capacity	Standard 64GB Up to 128GB (-40°C ~ +85°C)
	Socket	4 x SO-DIMM 260-pin DDR4 2400MHz ECC/non-ECC
Display (option)	CPU graphic	Silicon Motion SM750 16MB DDR SDRAM
	Video memory	16MB DDR SDRAM
	DVI Resolution	Up to 1280 x 1024, 60Hz
	VGA Resolution	Up to 1280 x 1024, 60Hz
	cable	VGA DB-15HD
4 LAN Ethernet	2 x 1GbE	Dual 1GbE RJ45 LAN 10/100/1000Mbps
	2 x 10GbE	Dual 10GbE (via SFP+ cages)
Audio	Controller	Realtek ALC662 HD CODEC - High Definition Audio
	Max. Data	6 GB/s
SATA III	Port	1 x 2.5" SSD up to 4TB (-40°C ~ +85°C)
Expansion Slot	Mini-PCI-e	1 x full size + 1 x half size Mini PCIe (USB + PCIe)
Storage	M.2	Ultra high speed storage 1 x M.2 2280 SSD up to 2TB
I/O	USB 3.0	4
	COM ports	1 x CPU Console UART + 1 General purpose UART
	LAN	2 or 4 RJ-45
	Digital IO	8Bit x 3V3 buffered GPIO (4 IN+4 OUT)
Power SBC		+12Vdc Input
Power System	Ext. DC/DC or	+9Vdc to +24Vdc (option : -48Vdc / 110-220Vac)
		Run time watchdog
Watchdog Timer	Output	System reset
Environment	OperatingTemp	-40°C ~ +70°C
	Storage Temp	-20°C ~ +80°C
	RH	5%~ 95% (+25°C non-condensing)
Form Factor	Dimension	W=483mm (19") x H=88.8mm (2U) x D=250mm (9.84")

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N.C.S. Computer Group

(since 1975) ISO 9001



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N.C.S. Group - società italiana, fondata nel 1975. Progetta e produce computers e sistemi per applicazioni industriali, militari (non armi), marine ed avioniche.

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N.C.S. Group, was founded in 1975, designs and manufactures computers and systems for Industrial, Military (not weapons), Marine and Avionic automation markets.