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Industrial and Marine Systems

For industrial, military, telecommunications and Marine applications.

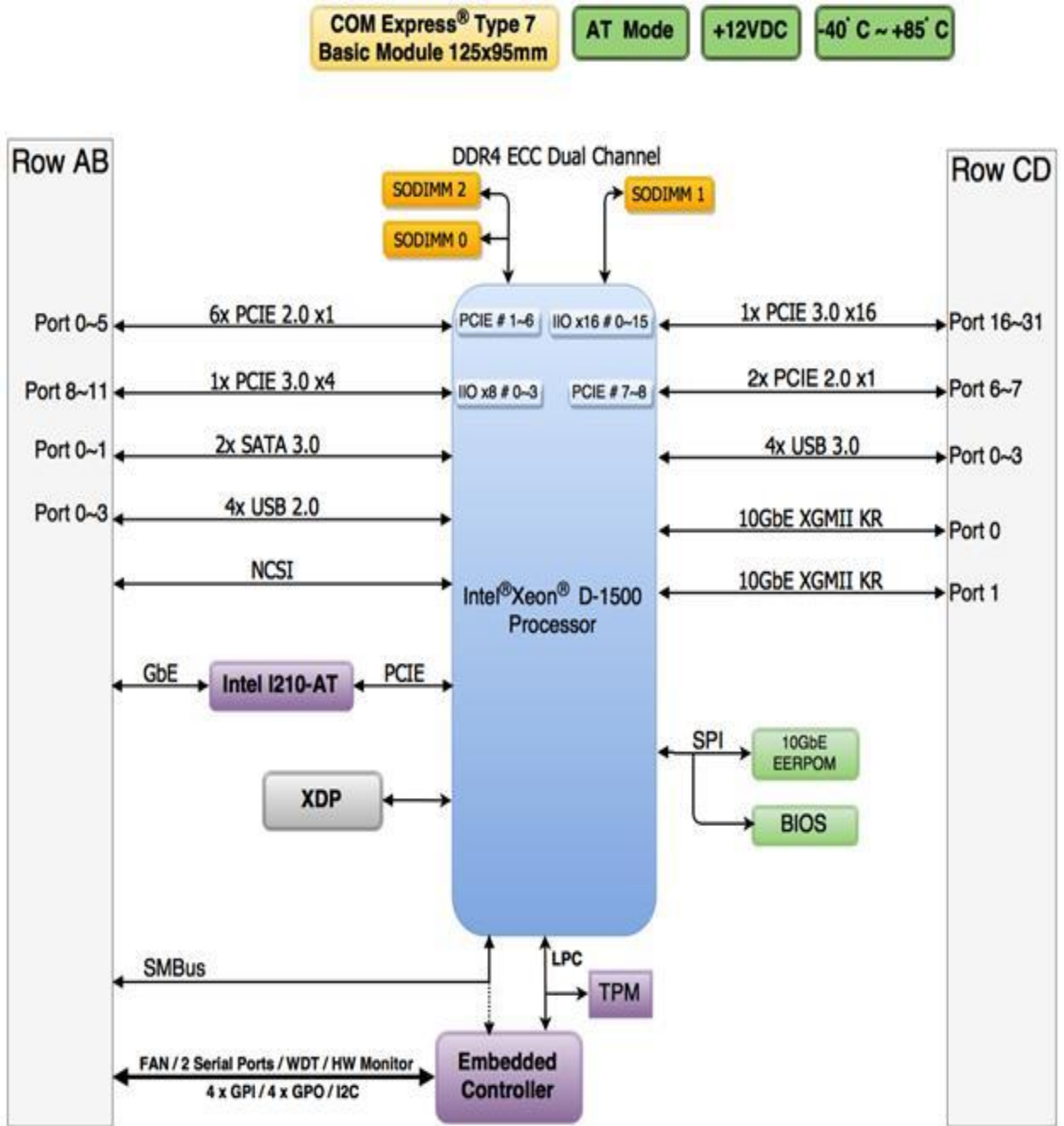
The lightweight XEON-BOX/D 8c is housed in a billet aluminum enclosure with sealed connectors. Multiple mounting options allow for easy integration into confined spaces



Rugged Completely Sealed IP65 NEMA4/4X, dust/water resistant protection, anti-shock And vibration, wide range operating temperature, Xeon-BOX/D™ 1.6 GHz - 8 cores 4LAN / 1 or 2 FIBER - PS +12 Vdc, Operating Temperature -40°C to +85°C Small dimensions of box : W=200 (7.87") x H=66.6 (1.5U) x D=250mm (9.84")

*Your problem is our challenge. When Your mission is critical
Make your life simpler by utilizing NCS' 46 plus years of experience.
All of our Systems are designed to operate in very hostile environments.*

Block Diagram



Available 19"/1.5U aluminum bezel with holes for to mount two **Xeon-BOX/D** on rack

Features


	Description	
Model	<ul style="list-style-type: none"> Rugged Completely Sealed IP65/NEMA4X mod. Xeon-BOX/D 	
System Processor	Processor	XEON D-1539™ 1.6GHz/2.2GHz Burst 8 Cores 12MB cache (35WTDP)
	CHIP SET	integrated in SoC
	BIOS	Based on AMI Aptio UEFI
Memory	Max. Capacity	Standard 48GB Up to 96GB
	Socket	3 x SO-DIMM 260-pin DDR4 2400MHz ECC/non-ECC
Display (option)	CPU graphic	SiliconMotion 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	DVI + DB-15HD
4 LAN Ethernet	2 x 1GbE	Dual 1GbE RJ45 LAN 10/100/1000Mbps
	2 x 10GbE	Dual 10GbE (via SFP+cages) RJ45 LAN or 1-2 FIBER
Audio	Controller	Realtek ALC662 HD CODEC - High Definition Audio
	Max. Data	6 GB/s
SATA III	Port	1 SSD SATA up to 4TB
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 (RJ-45)
	Digital IO	8Bit x 3V3 buffered GPIO (4 IN+4 OUT)
Power SBC	1 x 4 connector	DC +12V Input
Power System	Ext. DC/DC or AC/DC	+9Vdc to +24Vdc (opt. DC/DC -48Vdc or AC/DC 110-220Vac)
Watchdog Timer		Run time watchdog
	Output	System reset
Environment	OperatingTemp	Std. -20°C ~ 70°C opt. -40°C ~ 85°C (-40°F ~ 185°F)
	Storage Temp	-20°C ~ 80°C (- 4°F ~ 176°F)
	RH	5%~ 95% (non-condensing)
Form Factor	Dimension	W=200mm (7.87") x H=66.6mm (1.5U) 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.