



LAND



SEA



AIR



THOR200-K11EH

2U/2 Military High Performance Computer



- MIL-STD810 Thermal, shock, vibration, Humidity / EMI / EMC conditions
- Intel® Tiger Lake-H Processors (up to 8 cores)
11 Gen Intel® Xeon® / Core™ processor
- IP65 Chassis with M12 connectors
- Up to 96GB DDR4 SO-DIMM
- 2 x Swappable SSD Tray
- Compliant with MIL-STD-810G
- MIL-STD-704A / MIL-STD-461/ MIL-STD-1275A (design to meet)
- Wide range 18V~36V DC-Input
- Extreme Temperature : -40 ~+60 degree

Specifications

SYSTEM

Processor	Intel® Xeon® W-11865MRE, 2.6(4.7) GHz, 24MB, 45W, 8C/16T Intel® Xeon® W-11865MLE, 1.5(4.5) GHz, 24MB, 25W, 8C/16T Intel® Core™ i7-11850HE, 2.6(4.7) GHz, 24MB, 45W, 8C/16T
Memory type	Up to 96GB DDR4 SO-DIMM
Chipset	Intel® QM580E
Graphic	Embedded NVIDIA® RTX™ A2000 - Ampere Architecture - 2560 CUDA® cores, 20 RT Cores, and 80 Tensor Cores - 4GB GDDR6 memory, 128-bit
TPM	Chipset: Infineon, Type: TPM 2.0
BIOS	AMI UEFI BIOS
Expansion Slot	2 x Full-size mini PCIe (1 with mSATA supported) -1 with mSATA/USB2.0/PCIeX1 support -1 with SIM/USB2.0/PCIeX1 support 1 x 2280 M key (SATA only)
USB	4 x USB 3.0, 2 x USB 2.0
Ethernet	2 x 10/100/1000 Ethernet Ports (1 X LAN form mini-PCIE LAN module card)
Power Type	18V ~ 36V DC IN MIL-STD 461 EMI DC Module
Storage	2 x2.5" SATA SSD (2x Swappable SSD Tray) 2x 2.5" SATA SSD
COM Port	4 x RS232/422/485 (function select by jumper)
Operating Temperature	-40 to +60 C
Dimension	230mm(W) x 350mm(L)x88mm(H) (TBD)

FRONT I/O

X1	3 x USB 2.0 with D38999 connector
X2	2 x LAN with D38999 connector
X3	1 x USB 3.0 with D38999 connector
X4	2 x RS232 with D38999 connector
X5	1 x VGA with D38999 connector

DC-in	1 x DC-in with D38999 connector
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ENVIRONMENTAL

Standard	MIL-STD-810 MIL-STD-704A / MIL-STD-461/ MIL-STD-1275 18V~36V DC-Input
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Ordering Information

THOR200-X11MR-D38

Intel® Xeon® W-11865MRE(45W), 3 x USB 2.0, 2 x LAN, 1 x USB3.0, 2 x RS232,1 x VGA, 2x Swappable SSD, 18V ~ 36V DC IN, D38999 connectors, Black, ROHS

THOR200-X11MR-M12

Intel® Xeon® W-11865MRE(45W), 3 x USB 2.0, 2 x LAN, 1 x USB3.0, 2 x RS232,1 x VGA, 2x Swappable SSD, 18V ~ 36V DC IN, M12 connectors, Black, ROHS

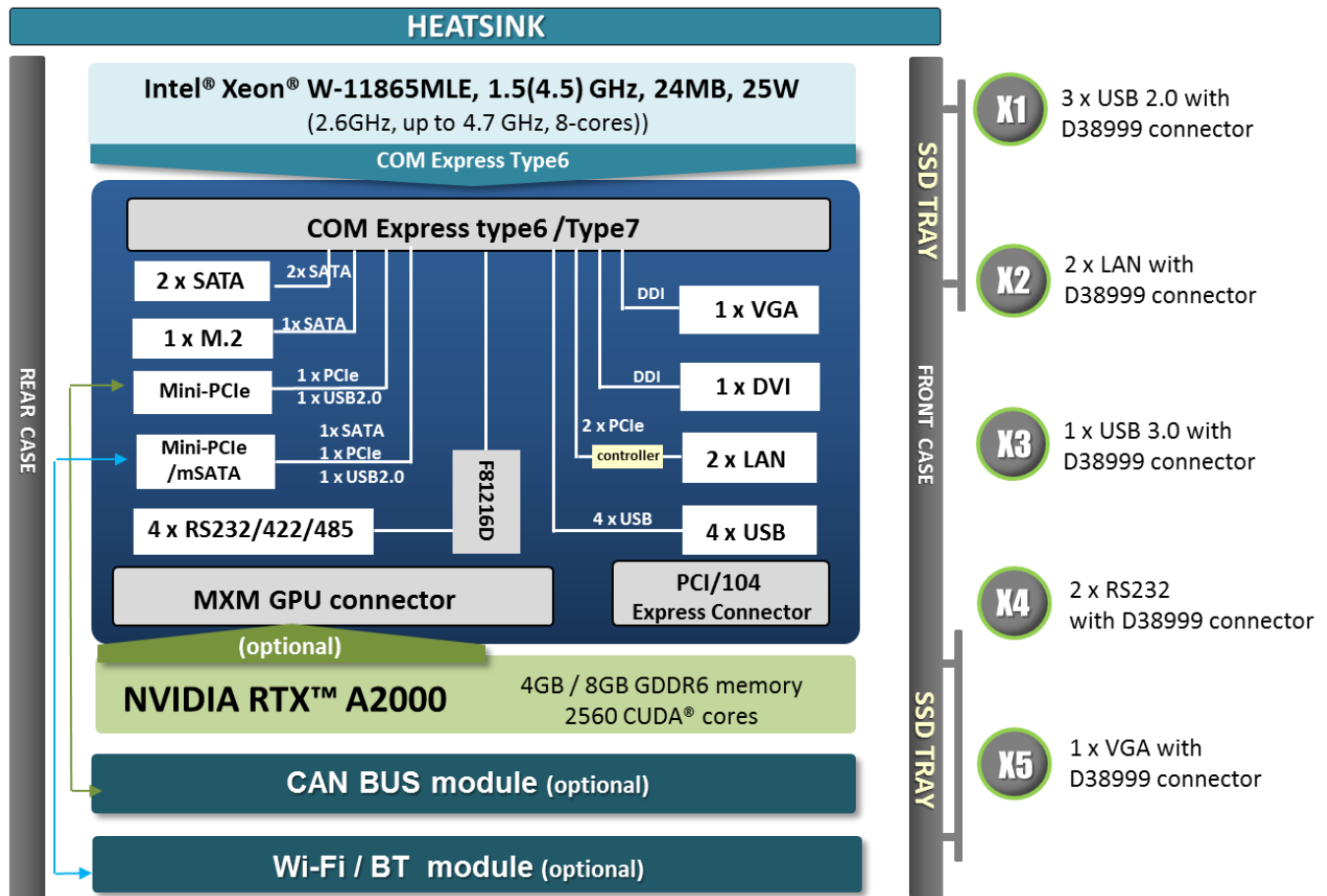
THOR200-X11ML-A2000-D38

Intel® Xeon® W-11865MLE(25W), NVIDIA® RTX™ A2000, 3 x USB 2.0, 2 x LAN, 1 x USB3.0, 2 x RS232,1 x VGA, 2x Swappable SSD, 18V ~ 36V DC IN, D38999 connectors, Black, ROHS

THOR200-X11ML-A2000-M12

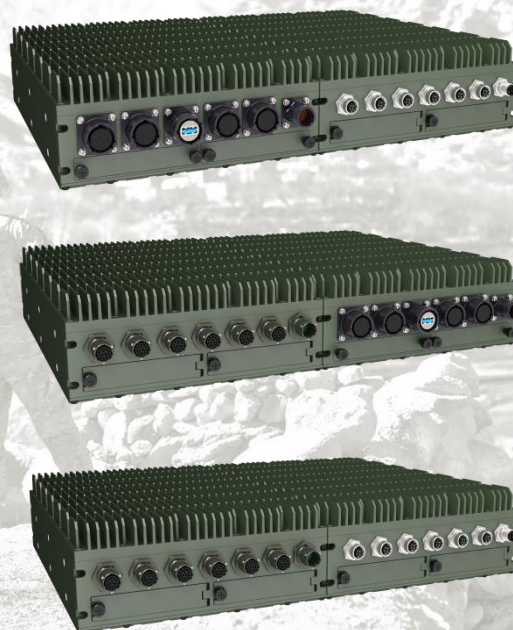
Intel® Xeon® W-11865MLE(25W), NVIDIA® RTX™ A2000, 3 x USB 2.0, 2 x LAN, 1 x USB3.0, 2 x RS232,1 x VGA, 2x Swappable SSD, 18V ~ 36V DC IN, M12 connectors, Black, ROHS

Block Diagram



Application

- D38999 computer + M12 computer
- 8ST computer + D38999 computer
- 8ST computer + M12 computer



Appearance

