

HMB-6130

Compute Blade for HTCA-6000 Series
With The 5th Generation Intel® Xeon®
Scalable Processors (Codenamed Emerald Rapids)



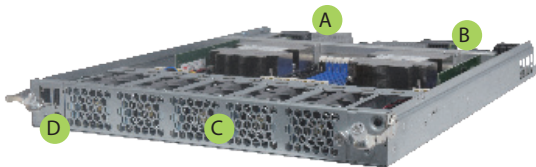
Features

- Hot swappable x86 compute blade
- 5th Generation Intel® Xeon® Scalable Processors
- DDR5 4800 MHz REG DIMM, 16x 288pin DIMM Socket, LRDIMM 1024GB (16 x 64GB) per M/B tray
- Built-in Intel QuickAssist Technology (QAT)
- 4x KR4 support 4x 100G to front Switch blades
- 5x Hot-swappable Smart Fans

Preliminary Specifications

System	
CPU	Dual 5th Generation Intel® Xeon® Scalable Processors (Codenamed Emerald Rapids) With Emmitsburg PCH
Memory	DDR5 4800 MHz REG DIMM, 16x 288pin DIMM Socket, LRDIMM 1024GB (16 x 64GB) per M/B tray
Interface	<ul style="list-style-type: none">• 2x Intel Columbiaville E810-CAM2 support 4 x 100G KR4 totally.• 100G (KR4) x2 to top 1st layer switch blade from 2 x E810-CAM2 100G (KR4) x2 to top 2nd layer switch blade from 2 x E810-CAM2• Intel i210 1GbE x1 (for FIO) Intel i225 2.5GbEx1 (for Rear IO)• 5x PCI-Express Gen3 by 8 (To front side module)• 1x PCI-Express Gen 2 (To front side module)• 1x IAC-AST2600 IPMI module (NCSI via i210)• 1x M.2 2280 M Key Socket (SATA3/PCIe x4)• 1x pin header for TPM 2.0 module (Optional)
Rear IO	<ul style="list-style-type: none">• 1x miniDP (VGA signal)• 1x RJ45 management port on rear side• 1x USB 2.0
System Compatibility	
HTCA-6200, HTCA-6400 and HTCA-6600	
Temperature	
Operating	0 ~ 40°C
Storage	-40~70°C
Humidity	
5%~90%. non-condensing	
Mechanical	
Dimension (W x H x D)	327.4 x 41 x 471.2 mm
Weight	TBD
Certification	
CE Class A, FCC Class A	

Product I/O View



- A High speed connector
- B OPMA slot
- C Cooling fans
- D USB 2.0, RJ45 management port and mini-DP

Ordering Information

HMB-6130A	Compute Blade for HTCA-6000 Series With The 5th Generation Intel® Xeon® Scalable Processors, Up to 185W
HMB-6130B	Compute Blade for HTCA-6000 Series With The 5th Generation Intel® Xeon® Scalable Processors, Up to 205W

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