

# HMB-6110

Compute Blade for HTCA-6000 Series  
Based on 2nd Generation Intel® Xeon®  
Scalable Processors (codenamed Purley)

## ■ Features



- Hot swappable x86 compute blade
- Support dual 2nd Generation Intel® Xeon® Scalable Processors (codenamed Purley) and C621/C627 PCH
- 16x 288-pin DDR4 DIMMs, max. up to 512GB memory capacity
- 4x KR4 support 4x 100G to front Switch blades
- 5x Hot swappable smart fans

## ■ Preliminary Specifications

### System

CPU Dual Intel 2nd Generation Intel® Xeon® Scalable Processors (codenamed Skylake-SP/Cascade Lake-SP) with C621/C627 PCH

Memory 16x 288-pin DDR4 DIMMs, max. up to 512GB memory capacity

### Interface

- LAN: Intel Ethernet 800 Series 100G(KR4) x 2 to top 1st layer switch blade 100G(KR4) x 2 to top 2nd layer switch blade Intel I210 1GbE x2
- 5x PCI-Express Gen3 by 8 (To front side module)
- 1x PCI-Express Gen 2 (To front side module)
- 1x OPMA connector
- 1x M.2 2280 M Key Socket (SATA3/PCIe x4)
- 1x pin header for TPM 2.0 module (Optional)

### Rear IO

- 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

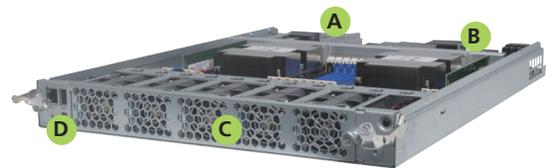
### Mechanical

Dimension 327.4 x 41 x 466 mm  
(W x H x D)  
Weight 8 kg

### 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

- Skylake-SP/Cascade Lake-SP x2 sockets,  
**HMB-6110A** DDR4 sockets x16 with tray, C627 (with QAT)  
Skylake-SP/Cascade Lake-SP x2 sockets,  
**HMB-6110B** DDR4 sockets x16 with tray, C621 (without QAT)

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