

HMB-6100

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 PCH
- 16x 288-pin DDR4 DIMMs, max. up to 512GB memory capacity
- 4x KR4 support 2x 100G + 2x 40G 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 PCH

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

Interface

- LAN: Intel Red Rock Canyon(RRC) FM10840 100G(KR4) x 2 to top 1st layer switch blade 40G(KR4) x2 to top 2nd layer switch blade Intel I210 1GbE x2
- 7x PCI-Express Gen3 by 8 (To front side module)
- 2x PCI-Express Gen 2 (To front side module)
- 1x OPMA connector
- 1x M.2 2280 M Key Socket (SATA3)
- 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 (W x H x D) 327.4 x 41 x 466 mm
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 VGA

■ Ordering Information

Skylake-SP/Cascade Lake-SP x2 sockets,
HMB-6100A DDR4 sockets x16 with tray, C621
(without QAT)

V1-2019,9,5

Lanner

© Lanner Electronics Inc. All rights reserved.
All product specifications are subject to change without notice.
contact@lannerinc.com | www.lannerinc.com