QuantaMesh BMS T1048-LB9

1G/10G Datacenter & Enterprise-Class Ethernet switch

- ONIE Pre-loaded
- High Availability
- SDN Ready

Datacenter networks are facing a major paradigm shift toward the disaggregation of software and hardware. This move, combined with the benefits of software-defined networking (SDN) allows network administrators respond quickly to changing business requirements at a lower capital cost as well as reducing the network operations complexity.

QuantaMesh BMS products offer higher performance, increased availability, low latency and better serviceability. QuantaMesh T1048-LB9 supports 48 10Base-T/100Base-TX/1000Base-T ports and 4 dual speed 1/10GbE SFP+ ports in a compact 1U size. By leveraging merchant silicon chips, T1048-LB9 is a high performance high density Ethernet switch with an affordable price for the deployment of data center infrastructure. With ONIE (Open Network Installation Environment) pre-loaded on QuantaMesh BMS switches, it provides the flexibility and allows choice of network operating system supported by ONIE installer. This provides agile installation process and faster response for the changing business demand.

About QCT

QCT (Quanta Cloud Technology) is a global datacenter solution provider extending the power of hyperscale datacenter design in standard and open SKUs to all datacenter customers. Product lines include servers, storage, network switches, integrated rack systems and cloud solutions, all delivering hyperscale efficiency, scalability, reliability, manageability, serviceability and optimized performance for each workload. QCT offers a full spectrum of datacenter products and services from engineering, integration and optimization to global supply chain support, all under one roof. The parent of QCT is Quanta Computer Inc., a Fortune Global 500 technology engineering and manufacturing company.

Physical ports
- **Port configuration:** 48 100/100/1000BAE-T and 4 1/10Gbe SFP+ ports
- **Management Port:** Out-of-band management port (RJ-45, 10/100/1000Base-T)
- **Console Port:** 1 (RJ-45)
- **USB:** USB 2.0

Performance
- **MAC:** 32K
- **Switching capacity:** 176Gbps
- **Maximum forwarding rate:** 131Mpps

High Availability
- **Redundant power supply:** 1+1
- **Hot-swappable fan tray:** 4 fixed fans

Mechanical
- **Dimension (HxWxD):** 42.8x435x393mm
- **Weight:** 7.15kg/15.75lbs (NET)

Environmental Specifications
- **Operating temperature:** 0~45°C
- **Operating humidity:** 90% maximum relative humidity

Electrical
- **Power requirement:** 100~240VAC, 50/60Hz
- **Power consumption:** 95 watts (L2 64B line rate; 10G-SR optics,100% fan duty)
- **Safety:** UL, cUL, CB, BSMI, CCC
- **EMC:** CE, FCC, VCCI, MSIP, BSMI, CCC, RCM, Anatel

RoHS
- **Reduction of Hazardous Substances (RoHS) 6**

Order Information
- **BMS T1048-LB9 (1LB9BZZ0STQ) (F-2-B, AC)**
- **BMS T1048-LB9 (1LB9BZZ0STR) (B-2-F, AC)**

Get a quote: www.QCT.io

United States
QCT LLC., Silicon Valley office
1010 Rincon Circle, San Jose, CA 95131
TOLL-FREE: 1-855-QCT-MUST
TEL: +1-510-270-6111
FAX: +1-510-270-6161
Support: +1-510-270-6216

China
云达科技,北京办公室（**Quanta Cloud Technology**）
Room 1508, East Tower 15F, World Financial Center, No.1, East 3rd Ring Zhong Rd., Chaoyang District, Beijing, China
TEL: +86-10-5920-7600
FAX: +86-10-5981-7958

云达科技,杭州办公室（**Quanta Cloud Technology**）
Room 303, Building No.4, ZheShang Wealth Center, No.83, GuDun Rd., Xihu District, Hangzhou, Zhejiang , China
TEL: +86-571-2819-8650

Japan
Quanta Cloud Technology Japan 株式会社
Makita Building 3F, 2-5-8, Shibadaimon , Minato-ku, Tokyo 105-0012, Japan
TEL: +81-3-5777-0818
FAX: +81-3-5777-0819

Taiwan
雲達科技（**Quanta Cloud Technology**）
1F, No. 211 Wenhua 2nd Rd., Guishan Dist., Taoyuan City 33377, Taiwan
TEL: +886-3-286-0707
FAX: +886-3-327-0001

Other regions
Quanta Cloud Technology
No. 211 Wenhua 2nd Rd., Guishan Dist., Taoyuan City 33377, Taiwan
TEL: +886-3-327-2345
FAX: +886-3-397-4770

QCT authorized partner
HYPER SCALERS
INFO@HYPERSCALERS.COM
+61 1300 113 112

All specifications and figures are subject to change without prior notice. Actual products may look different from the photos.

QCT, the QCT logo, Rackgo, Quanta, and the Quanta logo are trademarks or registered trademarks of Quanta Computer Inc.

All trademarks and logos are the properties of their representative holders.
Copyright © 2014-2015 Quanta Computer Inc. All rights reserved.