



Product Compliance Datasheet

Product Marketing Name	3530
Regulatory Model	3200
Safety Specification	IEC 62368-1:2018
EMC Class	A
US HS Code	8471.80.00
Effective Date	July 15, 2021

Theory of Operation

The Solace PubSub+ Event Broker Appliance products are data-processing machines that come pre-loaded with a software application that performs the following functions:

- Filtering and queuing of event data for applications based on topics (topics are text-based strings that describe the event data)
- Storing event data so that the event stream can be replayed and to ensure at least once delivery
- Controlling access to event data based on client authorization (securing the event stream)
- Providing resiliency of event data against system failure via high availability and disaster recovery

The event mesh operates as an overlay and the Solace event broker acts as a network host. The PubSub+ Event Broker Appliance consists of a server motherboard with one Intel Xeon processor, 32GB of RAM, Fibre Channel Host Bus Adaptor (HBA) and co-processing cards for caching, regular expressions and network.

Critical Components

- Motherboard / Processor
 - Intel S2600ST
 - Intel Xeon Scalable 4208
 - RAM 32GB
 - SSD 240GB (x2)
- Operating System
 - Linux (Centos)
- Storage Networking Interface
 - Marvell QLE-2692 or
 - Broadcom LPE31002
- Network Host Interfaces
 - Gigabit Ethernet 1000BaseT (x2)
 - Gigabit Ethernet 1000BaseT (up to 8)
- Co-processors
 - Event Caching (ADB)

Specifications

Physical

- Weight: 53lbs. (24.04kg)
- Height: 3.5" (89mm)
- Width: 17.1" (435mm)
- Depth: 31.9" (810mm)

Power

- Power Supply: 80+, 2x1000W
- Input: 100-240VAC, 3.5-1.5A, 47-63Hz
- Consumption: 310W @ 120V (340VA)

Operating and Storage Conditions

- Operating Temperature: 10°C to 40°C
- Operating Humidity: 5% to 85% (non-condensing)
- Storage Temperature: -40°C to 65°C
- Storage Humidity: 5% to 95% (non-condensing)
- Air Flow Direction: Front to Back

Environmental Compliance

- RoHS

Safety Approvals

- IEC 62368-1:2018
- UL 62368-1
- CSA C22.2 No. 62368-1:19

EMC Approvals

- FCC Part 15 Class A
- EN 61000-3-2/3
- CISPR 32:2015/AMD1:2019
- EN 55032:2015/A11:2020
- EN 55035:2017/A11:2020

Regulatory Markings

- Nemko, CE, CCC, KCC, RCM, NOM, UKCA, BSMI
- BIS (R-41164364)

Export Classifications

- ECCN: 5A002.a
- CCATS#: G182317
- ECL No. (s): 1-5.A.2.a.1

Interfaces

- Ethernet 1000BaseT
- Fibre Channel 16/8/4Gbps auto-negotiation
- RS232

*No WIFI or any other radio transmitters or receivers

Protocols

- TCP/IP
- Fibre Channel
- Ethernet IEEE Std 803.2ab
- Ethernet IEEE Std 802.3ae
- Ethernet Link Aggregation IEEE Std 802.3ad

Class A Notices

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received including interference that may cause undesirable operation.

警告：
系统有多条电源线连接，断开 AC 电源时，需要断开所有的电源线。所有电源线需要连接正确的接地插座。

警告：
此为 A 级产品，在生活环境中，该产品可能会造成无线电干扰。
在这种情况下，可能需要用户对其干扰采取可行的措施。

警告使用者：
此為甲類資訊技術設備，於居住環境中使用時，可能造成射頻擾動，在此種情況下，使用者會被要求採取某些適當的對策。

A 급 기기

(업무용 방송통신기자재)

이 기기는 업무용 환경에서 사용할 목적으로 적합성평가를 받은 기기로서
가정용 환경에서 사용하는 경우 전파간섭의 우려가 있습니다.

この装置は、クラス A 情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。 VCCI-A

لفصل جميع الطاقة من الجهاز، قم بإزالة جميع خلاصات الطاقة

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