

Aperi A1101 Compute Switch

Aperi's A1101, 1-slot, third rack-wide, 1RU Compute Switch platform provides unparalleled flexibility and integration of low-latency switching and high-performance computing.



Technical specifications

Dimensions:

6.5" x 12.8" x 1.7" (165W x 326D x 43H mm)
[1RU]
Weight (with 1 microservers): 6 lb. (2.7 kg)

Physical Connections:

Front: 2x SFP+ 10GbE
2x SFP 1/2.5GbE
2 x RJ45 GbE
1x SDMP-4S microserver slot
1x RS232 console
1x USB Type-C console

Rear: 2x USB type-C (power only)

System Performance:
Non-blocking switching throughput: over 94Gbps

Agency Compliance:

EMC: FCC Part 15 Class A
EN 55022 Class A

Safety: UL 60950-1
EN 60950-1
CSA-C22.2 No. 60950-1

Environmental: RoHS 2002/95/EC

Operating Environment:

0° to 50° ambient temperature
-40° to 85° storage temperature
Relative humidity: 5% to 90%

Power Specifications:

Maximum power: 100W
2x USB Type-C inputs: 20V – 5A each
Included adapter: Input voltage: 100–240 V (AC). Input frequency: 50–60 Hz

Additional Features Layer 2:

100BASE-T, 1, 2.5, 10 GbE
Jumbo frames (9,216 Bytes)
Static MAC Filtering
802.1D Spanning Tree (STP), 802.1w Rapid STP, 802.1s Multiple STP
802.3ad Link Aggregation, 16 ports/channel, 64 groups/system
802.1as Timing and synchronization

VLAN:

802.1Q/802.1ac VLAN (4K); 802.1ad Q-in-Q
Port mirroring
IGMP snooping v1/v2/v3
MLD snooping/querier
Protected ports
Protocol, IP subnet, and MAC-based VLANs

Net Insight AB (pub1)

Phone +46 (0)8 685 04 00, info@netinsight.net, www.netinsight.net

The information presented in this document may be subject to change without notice. For further information on product status and availability, please contact info@netinsight.net or visit www.netinsight.net

©Copyright 2020, Net Insight AB, Sweden. All rights reserved. Net Insight and Nimbra are trademarks of Net Insight AB, Sweden. All other registered trademarks are the property of their respective owners.

