NetApp®

Product type

Server

Manufacturer's name, registered trade name, and registered address

NetApp

NetApp, Inc.

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NAF-1703   H615C-64031, H615C-65031, H615C-75031, H615C-77031,
H615C-78031, H615C-7A031, H615C-85031,
H615C-88031, H615C-8A031, H615C-97031,
H615C-98031, H615C-9A031, H615C-A4231

First year of manufacture

2019

PSU efficiency

Load percentage	PS-2122-7Q PSU efficiency
10%	88.70%
20%	91.86%
50%	94.25%
100%	92.13%
Average efficiency	92.75%
Power Factor at 50% load	0.990
Rated Output Power	1200 Watt

High End Configuration:

Idle State Power Room Temp: 227.4W

Idle State Power 35C: 239.5W

Maximum Power: 488.9W

Active State Efficiency: 35.7

Configuration:

Category	Description	Quantity
CPU	Intel 6252 ,2.1GHz	2
RDIMM	32G RDIMM	32
SATADOM	Innodisk SATADOM/DGSML-A28D81BCBQCA-B196A	2
NIC	MEZZ/B LAN 25G	1
PSU	PS-2122-7Q	2
FAN		8

Idle Power Allowance

Characteristic	Calculated Allowance
Base Power for 2 socket server	38w
CPU	95.61W
PSU ((n-1)x10)	10W
HDD/SSD	10W
Memory	137.52W
DDR Channels	16W
Additional I/O devices	40W
Total Idle State power Allowed	347.13W

Low End Configuration:

Idle State Power Room Temp: 200.2W

Idle State Power 35C: 204.2W

Maximum Power: 313.9W

Active State Efficiency: 16.2

Configuration:

Category	Description	Quantity
CPU	Intel 5222 ,3.8GHz	2
RDIMM	32G RDIMM	16
SATADOM	Innodisk SATADOM/DGSML-A28D81BCBQCA-B196A	2
NIC	MEZZ/B LAN 25G Dual Port	1
PSU	PS-2122-7Q	2
FAN		8

Idle Power Allowance

Characteristic	Calculated Allowance
Base Power for 2 socket server	38w
CPU	24.63W
PSU ((n-1)x10)	10W
HDD/SSD	10W
Memory	91.44W
DDR Channels	16W
Additional I/O devices	40W
Total Idle State power Allowed	230.07W

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Declared ASHRAE operating condition class

ASHRAE rating	A2
Operating temperature range	10 to 35 degrees C
Recommended operating range	18 to 27 degrees C
Allowable operating relative humidity	-12°C DP and 8% to 21°C DP and 80%
Recommended operating relative humidity	-9°C DP to 15°C DP and 60%
Maximum Dew Po9int	21
Maximum rate of change (°C/hr)	5/20

Secure data deletion information: SolidFire

All SEDs shipped in the product support secure erase and this function is also made available via the Element API for both nodes in a cluster and out. Additionally, running the installation process (RTFI) will also secure erase all drives in a node.

Material ease of disassembly for repair or reuse

SolidFire: https://www.netapp.com/us/documentation/solidfire.aspx in the Maintain hardware section.

Neodymium in HDDs

No HDDs

Cobalt in Li-Ion Batteries

No Li-Ion Batteries