



Product type

Server

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

NetApp

NetApp, Inc.

3060 Olsen Drive

San Jose, CA 95128

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Product model number

NAF 1802

Marketing model Number

H610C-45112

First year of manufacture

2018

PSU efficiency

Load percentage	MC2200B4-4R-02 PSU efficiency
10%	91.74%
20%	94.50%
50%	94.76%
100%	92.14%
Average efficiency	93.80%
Power Factor at 50% load	1.000
Rated Output Power	2200 Watt

Idle State Power Room Temp: 135.7W

Idle State Power 35C: 140.9W

Maximum Power: 466.4W

Active State Efficiency: 27

Configuration:

Category	Description	Quantity
CPU	Intel 6130 Skylake-SP,16 Core,2.1GHz,2666,H0,LGA 3647,1MB/core,125W,22MB,QMS6,956018,10.4GT/s,QS	2
RDIMM	Samsung 32G RDIMM M393A4K40BB2-CTD, 2666MHz	16
SATADOM	Innodisk SATADOM/DGSML-A28D81 NTAASN	2
NIC	Quanta S5B MEZZ/B 10G_D_RJ45 W/BRKT 3GS5BMA00C0	1
PSU	MC2200B4-4R-02	2
FAN	AVC DFPB0656B2G	6

## Idle Power Allowance

Characteristic	Calculated Allowance
Base Power for 2 socket server	38w
7 x PerfCPU	66.41W
PSU ((n-1)x10)	10W
HDD/SSD	10W
Memory (GB - 4 x .18)	91.44W
Channels ((# - 8)x4)	16W
Total Idle State power Allowed	231W

## 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