

Hardware Status API. v1.0

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Overview

Resources

Hardware_Status: Get hardware status

Get hardware status.

```
GET https://{device}/api/npm.hardware_status/1.0/hardware_status
```

Authorization

This request requires authorization.

Response Body

On success, the server returns a response body with the following structure:

```
JSON
```

```
[
  {
    "fans": {
      "items": [
        {
          "sensorID": string,
          "entityID": string,
          "rpm": number,
          "status": string,
          "name": string
        }
      ]
    },
    "pwr": {
      "items": [
        {
          "sensorID": string,
          "entityID": string,
          "msg": string,
          "status": string,
          "name": string
        }
      ]
    },
    "temperature": {
      "items": [
        {
          "sensorID": string,
          "entityID": string,
          "temperature": string,
          "status": string,
          "name": string
        }
      ]
    },
    "ipaddr": string,
    "name": string,
    "dimm": {
      "items": [
        {
          "speed": number,
          "sn": string,
          "size": number,
          "name": string
        }
      ]
    },
    "msg": string,
    "status": string
  },
  {
    "cpus": {
      "items": [
        {
          "clock": number,
          "ncore": number,
          "name": string,
          "version": string
        }
      ]
    },
    "msg": string,
    "status": string
  }
]

```

Example:

```
[ ]
```

Property Name	Type	Description	Notes
<i>SystemHardwareStatus</i>	<array of <object>>	Hardware status.	
<i>SystemHardwareStatus</i> [HardwareStatus]	<object>	Hardware status of one System Module.	Optional
<i>SystemHardwareStatus</i> [HardwareStatus].fans	<object>	Fans status.	Optional
<i>SystemHardwareStatus</i> [HardwareStatus].fans.items	<array of <object>>	Fan status per module.	
<i>SystemHardwareStatus</i> [HardwareStatus].fans.items[HardwareFan]	<object>	Fan status.	Optional
<i>SystemHardwareStatus</i> [HardwareStatus].fans.items[HardwareFan].sensorID	<string>	Fan sensorID.	
<i>SystemHardwareStatus</i> [HardwareStatus].fans.items[HardwareFan].entityID	<string>	Fan entityID.	

<code>SystemHardwareStatus[HardwareStatus].fans.items[HardwareFan].rpm</code>	<code><number></code>	Fan revolutions (per minute).	
<code>SystemHardwareStatus[HardwareStatus].fans.items[HardwareFan].status</code>	<code><string></code>	Fan status.	Values: ok, failure
<code>SystemHardwareStatus[HardwareStatus].fans.items[HardwareFan].name</code>	<code><string></code>	Fan name.	
<code>SystemHardwareStatus[HardwareStatus].pwr</code>	<code><object></code>	Power Supply Status.	Optional
<code>SystemHardwareStatus[HardwareStatus].pwr.items</code>	<code><array of <object>></code>	Power Supply per modules.	Optional
<code>SystemHardwareStatus[HardwareStatus].pwr.items[HardwarePSU]</code>	<code><object></code>	Power Supply status.	Optional
<code>SystemHardwareStatus[HardwareStatus].pwr.items[HardwarePSU].sensorID</code>	<code><string></code>	Power Supply sensorID.	
<code>SystemHardwareStatus[HardwareStatus].pwr.items[HardwarePSU].entityID</code>	<code><string></code>	Power Supply entityID.	
<code>SystemHardwareStatus[HardwareStatus].pwr.items[HardwarePSU].msg</code>	<code><string></code>	Power Supply status message.	
<code>SystemHardwareStatus[HardwareStatus].pwr.items[HardwarePSU].status</code>	<code><string></code>	Power Supply status.	Values: ok, failure
<code>SystemHardwareStatus[HardwareStatus].pwr.items[HardwarePSU].name</code>	<code><string></code>	Power Supply name.	
<code>SystemHardwareStatus[HardwareStatus].temperature</code>	<code><object></code>	Temperature status.	Optional
<code>SystemHardwareStatus[HardwareStatus].temperature.items</code>	<code><array of <object>></code>	Harware Temperatures per module.	
<code>SystemHardwareStatus[HardwareStatus].temperature.items[HardwareTemperature]</code>	<code><object></code>	Harware Temperatures per module.	Optional
<code>SystemHardwareStatus[HardwareStatus].temperature.items[HardwareTemperature].sensorID</code>	<code><string></code>	Harware Temperature sensorID.	
<code>SystemHardwareStatus[HardwareStatus].temperature.items[HardwareTemperature].entityID</code>	<code><string></code>	Harware Temperature entityID.	
<code>SystemHardwareStatus[HardwareStatus].temperature.items[HardwareTemperature].temperature</code>	<code><string></code>	Harware Temperature degrees C.	
<code>SystemHardwareStatus[HardwareStatus].temperature.items[HardwareTemperature].status</code>	<code><string></code>	Harware Temperature status.	Values: ok, failure
<code>SystemHardwareStatus[HardwareStatus].temperature.items[HardwareTemperature].name</code>	<code><string></code>	Harware Temperature name.	
<code>SystemHardwareStatus[HardwareStatus].ipaddr</code>	<code><string></code>	Module IP address.	Optional
<code>SystemHardwareStatus[HardwareStatus].name</code>	<code><string></code>	Mudule host name.	Optional
<code>SystemHardwareStatus[HardwareStatus].dimm</code>	<code><object></code>	Memory status.	Optional
<code>SystemHardwareStatus[HardwareStatus].dimm.items</code>	<code><array of <object>></code>	Memory status per medule.	
<code>SystemHardwareStatus[HardwareStatus].dimm.items[HardwareDimm]</code>	<code><object></code>	Memory status.	Optional
<code>SystemHardwareStatus[HardwareStatus].dimm.items[HardwareDimm].speed</code>	<code><number></code>	Memory speed (MHz).	
<code>SystemHardwareStatus[HardwareStatus].dimm.items[HardwareDimm].sn</code>	<code><string></code>	Memory serial number.	
<code>SystemHardwareStatus[HardwareStatus].dimm.items[HardwareDimm].size</code>	<code><number></code>	Memory size (MB).	
<code>SystemHardwareStatus[HardwareStatus].dimm.items[HardwareDimm].name</code>	<code><string></code>	Memory slot name.	
<code>SystemHardwareStatus[HardwareStatus].dimm.msg</code>	<code><string></code>	Overall status message.	
<code>SystemHardwareStatus[HardwareStatus].dimm.status</code>	<code><string></code>	Overall status.	Values: ok, failure
<code>SystemHardwareStatus[HardwareStatus].cpus</code>	<code><object></code>	CPUs status.	Optional
<code>SystemHardwareStatus[HardwareStatus].cpus.items</code>	<code><array of <object>></code>	CPUs per module.	

