

# Laporan Harian Monitoring Perangkat GPON (OLT & ONU)

Periode 6 Mei - 11 Mei 2026

## **GEDUNG GRAHA DAPENBI**

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# Tujuan

Laporan harian ini dilaporkan sebagai bentuk dari monitoring pada perangkat jaringan **GPON** :

- **OLT DASAN V5808**

- Power status
- Fan status
- Temperature status
- penggunaan resource (Processor & Memory)
- Konektivitas OLT <> ONU

- **ONU DASAN D 2124 GP**

- Kualitas Signal (Redaman)
- penggunaan resource (Processor & Memory)
- Temperature status

# OLT DASAN V5808

## Monitoring power, Fan dan Temperatur

The screenshot displays the DASAN Networks EMS interface for device V5808. The left sidebar shows a tree view with 'Hardware Information' selected. The main panel is titled 'System Management > Hardware Information' and contains three sections: Power, Fan, and Temperature. Each section has a table of status data and some have configuration fields.

**Power**

| Power Number | Power State | Power PSU Type |
|--------------|-------------|----------------|
| A            | Run         |                |
| B            | Run         |                |

**Fan**

| Fan Number | Fan Status |
|------------|------------|
| A - 1      | ok         |
| A - 2      | ok         |
| A - 1      | ok         |
| A - 2      | ok         |

Admin State:  Start Temperature:  Stop Temperature:

**Temperature**

Temperature Number:  Low Threshold:  High Threshold:

| Temperature Number | Temperature State | Temperature Value | Low Threshold | High Threshold |
|--------------------|-------------------|-------------------|---------------|----------------|
| 1                  | Run               | 44                | -20           | 80             |

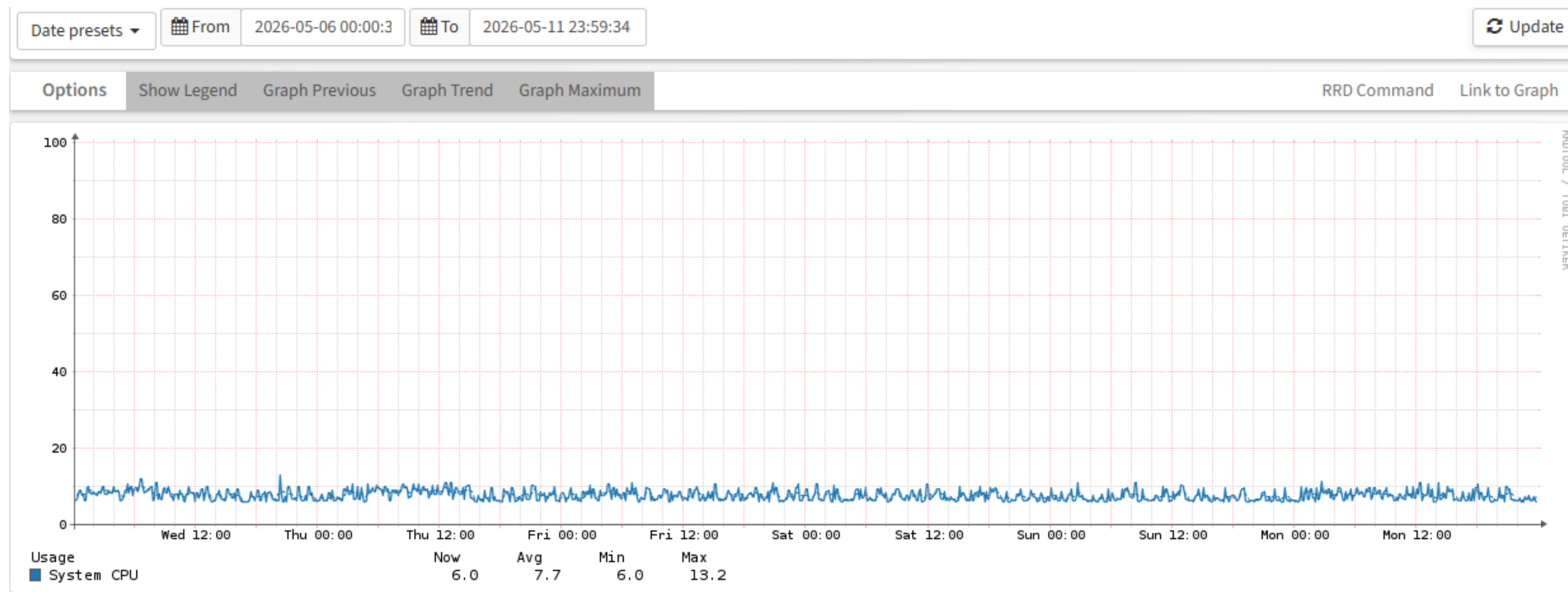
**Power** : Kedua sumber daya (Power Supply Unit - PSU) dalam kondisi "Run", yang menunjukkan bahwa kedua PSU berfungsi normal

**Fan** : Semua fan yang terpasang padaperangkat (Fan A-1 dan A-2) dalam kondisi "ok", dengan yang berarti kedua kipas bekerja perangkat baik Sehingga suhu terjaga tetap stabil.

**Temperature** : Suhu perangkat tercatat 44°C, yang menunjukkan bahwa suhu berada pada level yang normal dan belum mendekati batas atas yaitu 80°C

# OLT DASAN V5808

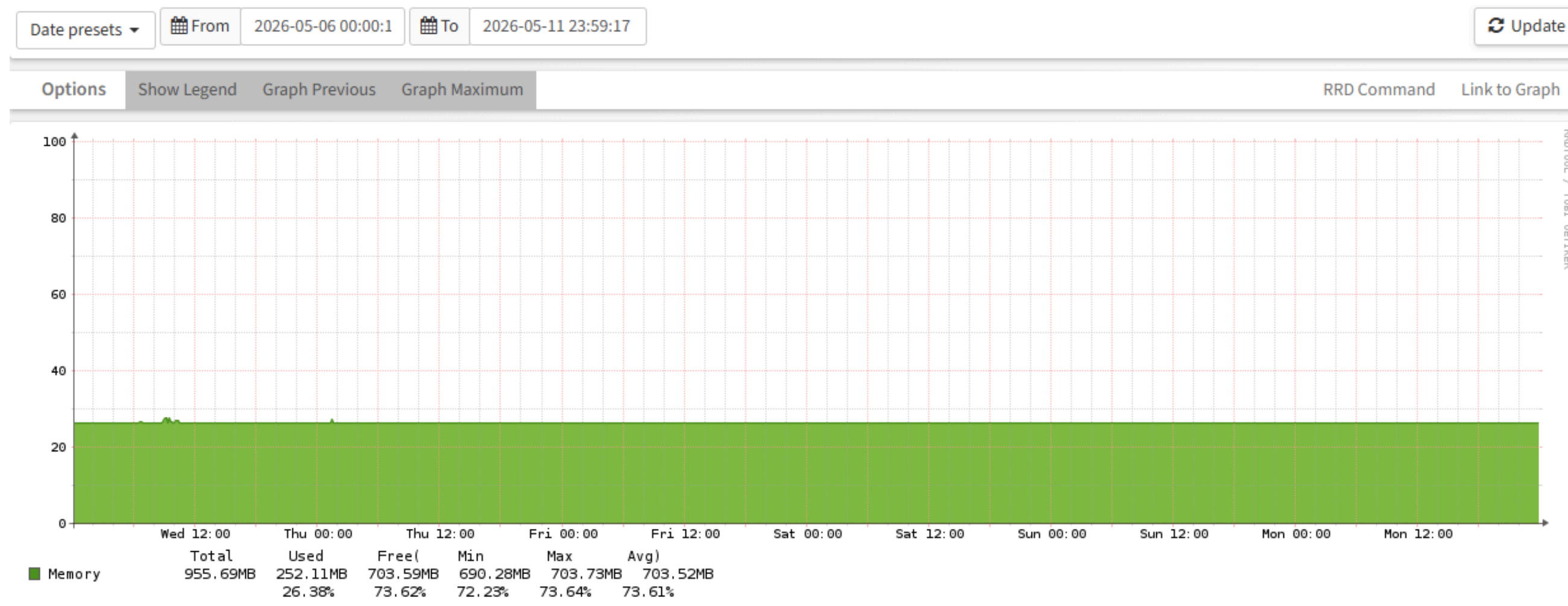
## Penggunaan CPU (periode 6 Mei - 11 Mei 2026)



Periode 6 Mei - 11 Mei 2026 menunjukkan penggunaan prosesor cenderung stabil dengan fluktuasi yang kecil. Penggunaan rata-rata berada di sekitar 7.7%, dengan puncak penggunaan mencapai sekitar 13.2%. Secara keseluruhan, penggunaan CPU pada periode 6 Mei - 11 Mei 2026 efisien dan terkelola dengan baik.

# OLT DASAN V5808

## Penggunaan Memory (periode 6 Mei - 11 Mei 2026)



Grafik menunjukkan penggunaan memori yang sangat stabil, dengan penggunaan memori yang hampir konstan sepanjang periode. Dengan total memori 955.69 MB, rata-rata penggunaan memori berada pada angka 252,11 MB, yang setara dengan 26.38 % dari total kapasitas memori, menunjukkan bahwa memori dikelola dengan efisien dan tidak ada lonjakan penggunaan yang signifikan selama periode tersebut.



Penggunaan Memory (periode 6 Mei - 11 Mei 2026)

Data Memory Actual :

| Metric       | Nilai  | Satuan | Keterangan                 |
|--------------|--------|--------|----------------------------|
| Total Memory | 955.69 | MB     | Memory fisik yang tersedia |
| Used Memory  | 252.11 | MB     | Memory yang digunakan      |
| Free Memory  | 703.59 | MB     | Memory yang tersisa        |

Statistik Free Memory :

| Metric  | Nilai  | Satuan | Persentase | Keterangan            |
|---------|--------|--------|------------|-----------------------|
| Minimum | 690.28 | MB     | 72.23%     | Free memory terendah  |
| Maximum | 703.73 | MB     | 73.64%     | Free memory tertinggi |
| Average | 703.52 | MB     | 73.61%     | Rata-rata free memory |

Analisis Usage Memory

| Metric        | Nilai     | Persentase | Keterangan         |
|---------------|-----------|------------|--------------------|
| Minimum Usage | 251.96 MB | 26.36%     | (Total - Max Free) |
| Maximum Usage | 265.41 MB | 27.77%     | (Total - Min Free) |
| Average Usage | 252.17 MB | 26.39%     | (Total - Avg Free) |
| Current Usage | 252.11 MB | 26.38%     | Usage saat ini     |

# OLT DASAN V5808

## Konektivitas OLT <=> ONU

```
OLT-DAPENBI> show clock
May 12, 2026 11:02:28 (Tue) GMT
OLT-DAPENBI> show onu status
```

| OLT | ONU | ACTIVE | Fail Reason | Profile Name |
|-----|-----|--------|-------------|--------------|
| 1   | 1   | Active | Success     | ONU          |
| 1   | 2   | Active | Success     | ONU          |
| 1   | 3   | Active | Success     | ONU          |
| 1   | 4   | Active | Success     | ONU          |
| 1   | 5   | Active | Success     | ONU          |
| 1   | 6   | Active | Success     | ONU          |
| 1   | 7   | Active | Success     | ONU          |
| 1   | 8   | Active | Success     | ONU          |
| 1   | 9   | Active | Success     | ONU          |
| 1   | 10  | Active | Success     | ONU          |
| 1   | 11  | Active | Success     | ONU          |
| 1   | 12  | Active | Success     | ONU          |
| 1   | 13  | Active | Success     | ONU          |
| 1   | 14  | Active | Success     | ONU          |

```
OLT-DAPENBI>
```

- Semua 14 ONU tercatat dalam status "Active". Ini menunjukkan bahwa seluruh perangkat ONU yang terhubung telah berhasil beroperasi dan berfungsi dengan baik, tanpa adanya masalah pada koneksi atau pengaturan perangkat.
- Kolom "Fail Reason" menunjukkan status "Success" untuk semua ONU, yang berarti tidak ada kegagalan yang terjadi dalam proses koneksi atau konfigurasi perangkat ONU.
- Pada kolom "Profile Name", semua ONU terdaftar dengan "ONU", yang menandakan bahwa semua perangkat ini beroperasi dengan profil yang sama, sesuai dengan pengaturan standar yang telah ditetapkan pada OLT.

# ONU DASAN D1224GP

## Kualitas Signal (Redaman)

```
OLT-DAPENBI> show clock
May 12, 2026 11:03:03 (Tue) GMT
OLT-DAPENBI> show onu info
```

| OLT | ONU | STATUS | Serial No.   | Distance | Rx Power   | Profile |
|-----|-----|--------|--------------|----------|------------|---------|
| 1   | 1   | Active | DSNW050502eb | 188m     | - 13.9 dBm | ONU     |
| 1   | 2   | Active | DSNW050502d7 | 189m     | - 13.8 dBm | ONU     |
| 1   | 3   | Active | DSNW0505031c | 189m     | - 14.3 dBm | ONU     |
| 1   | 4   | Active | DSNW05050217 | 196m     | - 17.7 dBm | ONU     |
| 1   | 5   | Active | DSNW05050380 | 194m     | - 14.3 dBm | ONU     |
| 1   | 6   | Active | DSNW05050302 | 191m     | - 11.9 dBm | ONU     |
| 1   | 7   | Active | DSNW050503b8 | 159m     | - 12.2 dBm | ONU     |
| 1   | 8   | Active | DSNW05050206 | 188m     | - 11.0 dBm | ONU     |
| 1   | 9   | Active | DSNW05050135 | 172m     | - 12.7 dBm | ONU     |
| 1   | 10  | Active | DSNW05050136 | 189m     | - 14.3 dBm | ONU     |
| 1   | 11  | Active | DSNW0505016f | 143m     | - 16.1 dBm | ONU     |
| 1   | 12  | Active | DSNW0505036f | 187m     | - 12.0 dBm | ONU     |
| 1   | 13  | Active | DSNW050501bd | 114m     | - 13.0 dBm | ONU     |
| 1   | 14  | Active | DSNW050501de | 186m     | - 11.0 dBm | ONU     |

```
OLT-DAPENBI>
```

Hasil monitoring menunjukkan kualitas redaman jaringan dalam kondisi optimal. Semua perangkat ONU beroperasi dengan level sinyal yang aman yaitu dibawah angka - 20 dBm (Rx Power), sehingga diasumsikan tidak ada indikasi gangguan.



# ONU DASAN D1224GP

## Monitoring CPU, Memory dan Temperature

| No. | Penempatan ONU | ONU ID | CPU                                                                                                                                                                                                                                                     | Memory                                                                                                                                                                                                                                                              | Temperature                                                                                                                                                              | Keterangan                                                                                                                                                                                                                                      |
|-----|----------------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | Lantai 1       | 1      | <pre>ONU-Dasar#show clock 08:13:30 UTC Tue, May 12, 2026 ONU-Dasar#show cpu ===== [Slot 0: D2124GP] CPU Using Rate Information CPU utilization in five seconds: 7.10% CPU utilization in one minute: 3.60% CPU utilization in five minutes: 3.70%</pre> | <pre>ONU-Dasar#show mem 08:13:34 UTC Tue, May 12, 2026 ONU-Dasar#show mem System Memory: 524288KB total, 254100KB used, 270188KB free, 48.4% used rate Used detail: 163676KB active, 69652KB inactive, 64872KB mapped, 34010KB slab, 45160KB core, 0KB others</pre> | <pre>ONU-Dasar#show clock 08:13:37 UTC Tue, May 12, 2026 ONU-Dasar#show temp Slot Card_type Temp_name Current(C) Status ----- 0 D2124GP air_inlet 37 ok ONU-Dasar#</pre> | <ul style="list-style-type: none"><li>• penggunaan CPU hanya sekitar 3.60% hingga 7.10% perangkat beroperasi efisien</li><li>• 48.4% memori yang digunakan dan 51.6% yang masih tersedia.</li><li>• Suhu perangkat 37°C (suhu normal)</li></ul> |
| 2   | Lantai 5       | 11     | <pre>ONU-5#show clock 10:53:03 UTC Tue, May 12, 2026 ONU-5#show cpu ===== [Slot 0: D2124GP] CPU Using Rate Information CPU utilization in five seconds: 3.40% CPU utilization in one minute: 3.40% CPU utilization in five minutes: 3.20%</pre>         | <pre>ONU-5#show clock 10:53:07 UTC Tue, May 12, 2026 ONU-5#show mem System Memory: 524288KB total, 251840KB used, 272448KB free, 48.0% used rate Used detail: 160972KB active, 69188KB inactive, 63656KB mapped, 33684KB slab, 45160KB core, 0KB others</pre>       | <pre>ONU-5#show clock 10:53:12 UTC Tue, May 12, 2026 ONU-5#show temp Slot Card_type Temp_name Current(C) Status ----- 0 D2124GP air_inlet 40 ok ONU-5#</pre>             | <ul style="list-style-type: none"><li>• penggunaan CPU hanya sekitar 3.20% hingga 3.40% perangkat beroperasi efisien</li><li>• 48% memori yang digunakan dan 52% yang masih tersedia.</li><li>• Suhu perangkat 40°C (suhu normal)</li></ul>     |

# ONU DASAN D1224GP

## Monitoring CPU, Memory dan Temperature

| No. | Penempatan ONU | ONU ID | CPU                                                                                                                                                                                                                                             | Memory                                                                                                                                                                                                                                                         | Temperature                                                                                                                                                                                             | Keterangan                                                                                                                                                                                                                                      |
|-----|----------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3   | Lantai 6       | 9      | <pre>ONU-6#show clock 10:55:20 UTC Tue, May 12, 2026 ONU-6#show cpu ===== [Slot 0: D2124GP] CPU Using Rate Information CPU utilization in five seconds: 3.90% CPU utilization in one minute: 3.10% CPU utilization in five minutes: 2.90%</pre> | <pre>ONU-6#show clock 10:55:24 UTC Tue, May 12, 2026 ONU-6#show mem System Memory: 524288KB total, 251780KB used, 272508KB free, 48.0% used rate Used details: 161000KB active, 87976KB inactive, 83484KB mapped, 93724KB slab, 45100KB core, 0KB others</pre> | <pre>ONU-6#show clock 10:55:27 UTC Tue, May 12, 2026 ONU-6#show temp ===== Slot      Card_Type      Temp_name      Current(C) Status ----- 0         D2124GP        air_inlet      43          ok</pre> | <ul style="list-style-type: none"><li>• penggunaan CPU hanya sekitar 2.90% hingga 3.90% perangkat beroperasi efisien</li><li>• 48% memori yang digunakan dan 52% yang masih tersedia.</li><li>• Suhu perangkat 43°C (suhu normal)</li></ul>     |
| 4   | Lantai 7       | 12     | <pre>ONU-7#show clock 10:51:19 UTC Tue, May 12, 2026 ONU-7#show cpu ===== [Slot 0: D2124GP] CPU Using Rate Information CPU utilization in five seconds: 3.70% CPU utilization in one minute: 3.00% CPU utilization in five minutes: 3.10%</pre> | <pre>ONU-7#show clock 10:51:22 UTC Tue, May 12, 2026 ONU-7#show mem System Memory: 524288KB total, 251440KB used, 272848KB free, 47.9% used rate Used details: 109584KB active, 80232KB inactive, 83096KB mapped, 93736KB slab, 45100KB core, 0KB others</pre> | <pre>ONU-7#show clock 10:51:25 UTC Tue, May 12, 2026 ONU-7#show temp ===== Slot      Card_Type      Temp_name      Current(C) Status ----- 0         D2124GP        air_inlet      41          ok</pre> | <ul style="list-style-type: none"><li>• penggunaan CPU hanya sekitar 3.00% hingga 3.70% perangkat beroperasi efisien</li><li>• 47.9% memori yang digunakan dan 52.1% yang masih tersedia.</li><li>• Suhu perangkat 41°C (suhu normal)</li></ul> |

# ONU DASAN D1224GP

## Monitoring CPU, Memory dan Temperature

| No. | Penempatan ONU | ONU ID | CPU                                                                                                                                                                                                                                                 | Memory                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Temperature                                                                                                                                                                                                         | Keterangan                                                                                                                                                                                                                                  |
|-----|----------------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5   | Lantai 8.1     | 5      | <pre>ONU-8_1#show clock 10:58:18 UTC Tue, May 12, 2026 ONU-8_1#show cpu ===== [Slot 0: D2124GP] CPU Using Rate Information CPU utilization in five seconds: 4.10% CPU utilization in one minute: 3.90% CPU utilization in five minutes: 4.20%</pre> | <pre>ONU-8_1#show mem 10:58:21 UTC Tue, May 12, 2026 ONU-8_1#show mem System Memory: 524288KB total, 252048KB used, 272240KB free, 48.0% used rate Used Detail: 101176KB active, 68444KB inactive, 63920KB mapped, 33740KB slab, 45160KB core, 0KB others</pre>                                                                                                                                                                                                                                                             | <pre>ONU-8_1#show temp 10:58:24 UTC Tue, May 12, 2026 ONU-8_1#show temp Slot  Card_Type          Temp_name          Current(C) Status ----- 0      D2124GP              air_inlet           36             ok</pre> | <ul style="list-style-type: none"><li>• penggunaan CPU hanya sekitar 3.90% hingga 4.20% perangkat beroperasi efisien</li><li>• 48% memori yang digunakan dan 52% yang masih tersedia.</li><li>• Suhu perangkat 36°C (suhu normal)</li></ul> |
| 6   | Lantai 8.2     | 14     | <pre>Tue 2026/05/12 11:11:13 CCT 08:00 ONU-8_2#show cpu-util CPU Information: CPU Idle : 98 %</pre>                                                                                                                                                 | <pre>ONU-8_2#show clock Tue 2026/05/12 11:11:24 CCT 08:00 ONU-8_2#show mem Memory information: Total Memory      : 128 MB Free Memory       : 40 MB Flash memory information: Total flash memory : 16 MB 312K be used to bootrom code. 192K be used to BSP configure(device-mac,serial-no,...). 384K be used to APP configure(username,...). 1M be used to user configure. 6.5M be used to default firmwares. : V1.00-Jun 08 2022 21:43:00 6.5M be used to secondary firmwares. : V1.00-Jun 08 2022 21:43:00 ONU-8_2#</pre> |                                                                                                                                                                                                                     | <ul style="list-style-type: none"><li>• penggunaan CPU hanya sekitar 2% dan iddle sekitar 98% perangkat beroperasi efisien</li><li>• 88 MB memori yang digunakan dan 40 MB yang masih tersedia.</li></ul>                                   |

# ONU DASAN D1224GP

## Monitoring CPU, Memory dan Temperature

| No. | Penempatan ONU | ONU ID | CPU                                                                                                                                                                                                                                                   | Memory                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Temperature                                                                                                                                                                                                                   | Keterangan                                                                                                                                                                                                                                               |
|-----|----------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7   | Lantai 9.1     | 8      | <pre>Tue 2026/05/12 11:13:11 CCT 08:00  ONU-9_1#show cpu-util CPU Information: CPU Idle : 97 %</pre>                                                                                                                                                  | <pre>ONU-9_1#show clock Tue 2026/05/12 11:13:18 CCT 08:00  ONU-9_1#show mem Memory information: Total Memory      : 128 MB Free Memory       : 40 MB  Flash memory information: Total flash memory : 16 MB 512K be used to bootrom code. 192K be used to BSP configure(device-mac,serial-no,...). 384K be used to APP configure(username,...) 1M be used to user configure. 6.5M be used to default firmwares. : V1.00-Jun 08 2022 21:43:00 6.5M be used to secondary firmwares. : V1.00-Jun 08 2022 21:43:00  ONU-9_1#</pre> |                                                                                                                                                                                                                               | <ul style="list-style-type: none"><li>• penggunaan CPU hanya sekitar 3% dan iddle sekitar 97%</li><li>• perangkat beroperasi efisien</li><li>• 88 MB memori yang digunakan dan 40 MB yang masih tersedia.</li></ul>                                      |
| 8   | Lantai 9.2     | 6      | <pre>ONU-9_2#show clock 11:02:37 UTC Tue, May 12, 2026 ONU-9_2#show cpu  ===== [Slot 0: D2124GP] CPU Using Rate Information CPU utilization in five seconds: 14.10% CPU utilization in one minute: 5.90% CPU utilization in five minutes: 5.40%</pre> | <pre>ONU-9_2#show clock 11:02:46 UTC Tue, May 12, 2026  ONU-9_2#show mem System Memory: 524288KB total, 252128KB used, 272160KB free, 40.0% used rate Used detail: 161384KB active, 60484KB inactive, 63984KB mapped, 33753KB slab, 45160KB core, 0KB others</pre>                                                                                                                                                                                                                                                            | <pre>ONU-9_2#show clock 11:02:48 UTC Tue, May 12, 2026 ONU-9_2#show temp slot  Card_type          Temp_name          Current(C) Status ----- 0      D2124GP             air_inlet           36             ok  ONU-9_2#</pre> | <ul style="list-style-type: none"><li>• penggunaan CPU hanya sekitar 5.40% hingga 14.10%</li><li>• perangkat beroperasi efisien</li><li>• 48 % memori yang digunakan dan 52 % yang masih tersedia.</li><li>• Suhu perangkat 36°C (suhu normal)</li></ul> |

# ONU DASAN D1224GP

## Monitoring CPU, Memory dan Temperature

| No. | Penempatan ONU | ONU ID | CPU                                                                                                                                                                                                                                                 | Memory                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Temperature                                                                                                                                                        | Keterangan                                                                                                                                                                                                                                      |
|-----|----------------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9   | Lantai 9.3     | 7      | <pre>ONU-9_3#show clock 11:07:07 UTC Tue, May 12, 2026 ONU-9_3#show cpu ===== [Slot 0: D2124GP] CPU Using Rate Information CPU utilization in five seconds: 3.40% CPU utilization in one minute: 3.70% CPU utilization in five minutes: 3.80%</pre> | <pre>ONU-9_3#show clock 11:07:10 UTC Tue, May 12, 2026 ONU-9_3#show mem System Memory: 524288KB total, 252256KB used, 272032KB free, 40.1% used rate Used detail: 161330KB active, 68872KB inactive, 63072KB mapped, 33752KB slab, 45160KB core, 0KB others</pre>                                                                                                                                                                                                                                                               | <pre>ONU-9_3#show clock 11:07:13 UTC Tue, May 12, 2026 ONU-9_3#show temp Slot Card_type Temp_name Current(C) Status ----- 0 D2124GP air_inlet 36 ok ONU-9_3#</pre> | <ul style="list-style-type: none"><li>• penggunaan CPU hanya sekitar 3.40% hingga 3.80% perangkat beroperasi efisien</li><li>• 48.1% memori yang digunakan dan 51.9% yang masih tersedia.</li><li>• Suhu perangkat 36°C (suhu normal)</li></ul> |
| 10  | Lantai 10.1    | 4      | <pre>Tue 2026/05/12 11:19:20 CCT 08:00 ONU-10_1#show cpu-util CPU Information: CPU Idle : 90 %</pre>                                                                                                                                                | <pre>ONU-10_1#show clock Tue 2026/05/12 11:19:25 CCT 08:00 ONU-10_1#show mem Memory information: Total Memory      : 128 MB Free Memory       : 40 MB  Flash memory information: Total flash memory : 16 MB 512K be used to bootrom code. 192K be used to BSP configure(device-mac,serial-no,...). 384K be used to APP configure(username,...). 1M be used to user configure. 6.5M be used to default firmwares. : V1.00-Jun 08 2022 21:43:00 6.5M be used to secondary firmwares. : V1.00-Jun 08 2022 21:43:00 ONU-10_1#</pre> |                                                                                                                                                                    | <ul style="list-style-type: none"><li>• penggunaan CPU hanya sekitar 10% dan iddle sekitar 90% perangkat beroperasi efisien</li><li>• 88 MB memori yang digunakan dan 40 MB yang masih tersedia.</li></ul>                                      |



# ONU DASAN D1224GP

## Monitoring CPU, Memory dan Temperature

| No. | Penempatan ONU | ONU ID | CPU                                                                                                                                                                                                                                                   | Memory                                                                                                                                                                                                                                                              | Temperature                                                                                                                                                                                                                  | Keterangan                                                                                                                                                                                                                                      |
|-----|----------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11  | Lantai 10.2    | 2      | <pre>ONU-10.2#show clock 11:09:07 UTC Tue, May 12, 2026 ONU-10.2#show cpu ===== [Slot 0: D2124GP] CPU Using Rate Information CPU utilization in five seconds: 4.80% CPU utilization in one minute: 5.70% CPU utilization in five minutes: 5.30%</pre> | <pre>ONU-10.2#show clock 11:09:11 UTC Tue, May 12, 2026 ONU-10.2#show mem System Memory: 524288KB total, 252384KB used, 271904KB free, 48.1% used rate Used detail: 151392KB active, 68480KB inactive, 63964KB mapped, 33808KB slab, 45100KB core, 0KB others</pre> | <pre>ONU-10.2#show clock 11:09:14 UTC Tue, May 12, 2026 ONU-10.2#show temp Slot  Card Type          Temp_name          Current(C) Status ----- 0      D2124GP          air_inlet           37             ok ONU-10.2#</pre> | <ul style="list-style-type: none"><li>• penggunaan CPU hanya sekitar 4.80% hingga 5.70% perangkat beroperasi efisien</li><li>• 48.1% memori yang digunakan dan 51.9% yang masih tersedia.</li><li>• Suhu perangkat 37°C (suhu normal)</li></ul> |
| 12  | Lantai 10.3    | 10     | <pre>ONU-10.3#show clock 11:09:40 UTC Tue, May 12, 2026 ONU-10.3#show cpu ===== [Slot 0: D2124GP] CPU Using Rate Information CPU utilization in five seconds: 3.10% CPU utilization in one minute: 3.50% CPU utilization in five minutes: 3.80%</pre> | <pre>ONU-10.3#show clock 11:09:43 UTC Tue, May 12, 2026 ONU-10.3#show mem System Memory: 524288KB total, 252080KB used, 272208KB free, 48.0% used rate Used detail: 151228KB active, 68524KB inactive, 63972KB mapped, 33712KB slab, 45100KB core, 0KB others</pre> | <pre>ONU-10.3#show clock 11:09:46 UTC Tue, May 12, 2026 ONU-10.3#show temp Slot  Card Type          Temp_name          Current(C) Status ----- 0      D2124GP          air_inlet           36             ok ONU-10.3#</pre> | <ul style="list-style-type: none"><li>• penggunaan CPU hanya sekitar 3.10% hingga 3.80% perangkat beroperasi efisien</li><li>• 48% memori yang digunakan dan 52% yang masih tersedia.</li><li>• Suhu perangkat 36°C (suhu normal)</li></ul>     |



# ONU DASAN D1224GP

## Monitoring CPU, Memory dan Temperature

| No. | Penempatan ONU | ONU ID | CPU                                                                                                                                                                                                                                                       | Memory                                                                                                                                                                                                                                                               | Temperature                                                                                                                                                                 | Keterangan                                                                                                                                                                                                                                      |
|-----|----------------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13  | Lantai 11      | 13     | <pre>ONU-11-New#show clock 11:28:35 UTC Tue, May 12, 2026 ONU-11-New#show cpu ===== [Slot 0: D2124GP] CPU Using Rate Information CPU utilization in five seconds: 3.50% CPU utilization in one minute: 4.20% CPU utilization in five minutes: 4.20%</pre> | <pre>ONU-11-New#show clock 11:28:39 UTC Tue, May 12, 2026 ONU-11-New#show mem System Memory: 524288KB total, 25344KB used, 270848KB free, 48.3% used rate Used detail: 16208KB active, 69620KB inactive, 64756KB mapped, 3872KB slab, 45168KB core, 0KB others</pre> | <pre>ONU-11-New#show clock 11:28:42 UTC Tue, May 12, 2026 ONU-11-New#show temp Slot Card type Temp_name Current(C) Status ----- 0 D2124GP air_inlet 38 ok ONU-11-New#</pre> | <ul style="list-style-type: none"><li>• penggunaan CPU hanya sekitar 3.50% hingga 4.20% perangkat beroperasi efisien</li><li>• 48.3% memori yang digunakan dan 51.7% yang masih tersedia.</li><li>• Suhu perangkat 38°C (suhu normal)</li></ul> |
| 14  | Lantai 12      | 3      | <pre>ONU-12#show clock 11:31:31 UTC Tue, May 12, 2026 ONU-12#show cpu ===== [Slot 0: D2124GP] CPU Using Rate Information CPU utilization in five seconds: 4.20% CPU utilization in one minute: 4.50% CPU utilization in five minutes: 4.00%</pre>         | <pre>ONU-12#show clock 11:31:35 UTC Tue, May 12, 2026 ONU-12#show mem System Memory: 524288KB total, 253728KB used, 270560KB free, 48.3% used rate Used detail: 16268KB active, 69724KB inactive, 64916KB mapped, 38016KB slab, 45168KB core, 0KB others</pre>       | <pre>ONU-12#show clock 11:31:38 UTC Tue, May 12, 2026 ONU-12#show temp Slot Card type Temp_name Current(C) Status ----- 0 D2124GP air_inlet 42 ok ONU-12#</pre>             | <ul style="list-style-type: none"><li>• penggunaan CPU hanya sekitar 4.00% hingga 4.50% perangkat beroperasi efisien</li><li>• 48.3% memori yang digunakan dan 51.7% yang masih tersedia.</li><li>• Suhu perangkat 42°C (suhu normal)</li></ul> |

## Kesimpulan

Secara keseluruhan, OLT Dasan V5808 dan ke 14 ONU Dasan pada periode 6 Mei - 11 Mei 2026 beroperasi dengan stabil dan efisien, dengan penggunaan resource yang terjaga dalam batas normal, serta temperatur perangkat yang aman. Semua ONU yang terhubung dalam status aktif. Dan setiap redaman yang ada semuanya dalam keadaan redaman yang baik. Perangkat secara keseluruhan tidak menunjukkan adanya masalah.

## Penutup

Sebagai penutup, hasil pemantauan terhadap OLT Dasan V5808 dan 14 ONU Dasan menunjukkan bahwa perangkat beroperasi dengan sangat baik, menjaga kestabilan dan efisiensi sistem jaringan. Dengan penggunaan CPU dan memori yang terjaga, temperatur perangkat yang aman, serta semua ONU yang terhubung berfungsi aktif, kualitas layanan yang diberikan tetap optimal. Meskipun ada variasi kecil pada kualitas redaman, secara keseluruhan, jaringan tetap berjalan lancar tanpa adanya gangguan berarti.

Hormat kami,  
**PT. Binakarsa Swadaya**

Gilang Hidayah



**System Engineer**

Farid Maulid Hakim

**Building Manager**

**Terima Kasih**

