

## GSR Hardware Configurations

### Semtec

```
semtec#sh ver
Cisco Internetwork Operating System Software
IOS (tm) GS Software (GSR-P-M), Experimental Version
12.0(20000808:204209) [cei -
eft2 139]
Copyright (c) 1986-2000 by cisco Systems, Inc.
Compiled Wed 18-Oct-00 11:03 by cei
Image text-base: 0x60010908, data-base: 0x618A2000

ROM: System Bootstrap, Version 11.2(17)GS2, [htseng 180]
EARLY DEPLOYMENT RELEAS
E SOFTWARE (fc1)

semtec uptime is 5 days, 1 hour, 48 minutes
System returned to ROM by reload
System image file is "slot0:gsr-p-mz.eft1018"

cisco 12008/GRP (R5000) processor (revision 0x01) with
262144K bytes of memory.
R5000 CPU at 200Mhz, Implementation 35, Rev 2.1, 512KB L2
Cache
Last reset from power-on

1 Route Processor Card
2 Clock Scheduler Cards
3 Switch Fabric Cards
1 four-port OC3 POS controller (4 POS).
1 four-port OC12 POS controller (4 POS).
1 OC48 POS controller (1 POS).
1 Ethernet/IEEE 802.3 interface(s)
9 Packet over SONET network interface(s)
507K bytes of non-volatile configuration memory.

20480K bytes of Flash PCMCIA card at slot 0 (Sector size
128K).
8192K bytes of Flash internal SIMM (Sector size 256K).
Configuration register is 0x2102

semtec#sh diag 3
SLOT 3 (RP/LC 3 ): 4 Port Packet Over SONET OC-12c/STM-4
Multi Mode
  MAIN: type 40, 800-5424-01 rev A0 dev 994761
        HW config: 0x01 SW key: 00-00-00
  PCA: 73-3241-03 rev A0 ver 3
        HW version 1.0 S/N SDK034906VP
  MBUS: Embedded Agent
        Test hist: 0x00 RMA#: 00-00-00 RMA hist: 0x00
```

```
DIAG: Test count: 0x00000003    Test results: 0x00000000
L3 Engine: 2 - Backbone OC48 (2.5 Gbps)
MBUS Agent Software version 01.40 (RAM) (ROM version is
02.00)
Using CAN Bus A
ROM Monitor version 10.04
Fabric Downloader version used 04.01 (ROM version is
04.01)
Primary clock is CSC 1
Board is analyzed
Board State is Line Card Enabled (IOS RUN )
Insertion time: 00:00:09 (5d01h ago)
DRAM size: 134217728 bytes
FrFab SDRAM size: 134217728 bytes, SDRAM pagesize: 8192
bytes
ToFab SDRAM size: 134217728 bytes, SDRAM pagesize: 8192
bytes
0 crashes since restart
```

```
semtec#sh diag 5
SLOT 5 (RP/LC 5 ): 4 Port Packet Over SONET OC-3c/STM-1
Multi Mode
MAIN: type 33, 800-2396-02 rev F0 dev 16777215
      HW config: 0x01    SW key: FF-FF-FF
PCA: 73-2147-05 rev E0 ver 4
      HW version 1.1 S/N CAB03323FAX
MBUS: MBUS Agent (1) 73-2146-07 rev B0 dev 0
      HW version 1.2 S/N CAB03292Z54
      Test hist: 0xFF    RMA#: FF-FF-FF    RMA hist: 0xFF
DIAG: Test count: 0xFFFFFFFF    Test results: 0xFFFFFFFF
L3 Engine: 0 - OC12 (622 Mbps)
MBUS Agent Software version 01.40 (RAM) (ROM version is
02.03)
Using CAN Bus A
ROM Monitor version 10.04
Fabric Downloader version used 13.06 (ROM version is
13.06)
Primary clock is CSC 1
Board is analyzed
Board State is Line Card Enabled (IOS RUN )
Insertion time: 00:00:09 (5d01h ago)
DRAM size: 134217728 bytes
FrFab SDRAM size: 33554432 bytes
ToFab SDRAM size: 33554432 bytes
0 crashes since restart
```

```
semtec#
```

## **Gunpowder**

```
gunpowder#sh ver
Cisco Internetwork Operating System Software
IOS (tm) GS Software (GSR-P-M), Experimental Version
12.0(20000808:204209) [cei -
```

eft2 139]

Copyright (c) 1986-2000 by cisco Systems, Inc.  
Compiled Wed 18-Oct-00 11:03 by cei  
Image text-base: 0x60010908, data-base: 0x618A2000

ROM: System Bootstrap, Version 11.2(17)GS2, [htseng 180]  
EARLY DEPLOYMENT RELEASES  
E SOFTWARE (fc1)

gunpowder uptime is 6 days, 3 hours, 41 minutes  
System returned to ROM by reload  
System image file is "slot0:gsr-p-mz.eft1018"

cisco 12008/GRP (R5000) processor (revision 0x01) with  
262144K bytes of memory.  
R5000 CPU at 200Mhz, Implementation 35, Rev 2.1, 512KB L2  
Cache  
Last reset from power-on

1 Route Processor Card  
2 Clock Scheduler Cards  
3 Switch Fabric Cards  
2 four-port OC12 POS controllers (8 POS).  
1 OC48 POS controller (1 POS).  
1 Ethernet/IEEE 802.3 interface(s)  
9 Packet over SONET network interface(s)  
507K bytes of non-volatile configuration memory.

20480K bytes of Flash PCMCIA card at slot 0 (Sector size  
128K).  
20480K bytes of Flash PCMCIA card at slot 1 (Sector size  
128K).  
8192K bytes of Flash internal SIMM (Sector size 256K).  
Configuration register is 0x2102

gunpowder#sh diag 2

SLOT 2 (RP/LC 2 ): 4 Port Packet Over SONET OC-12c/STM-4  
Single Mode

MAIN: type 40, 800-5491-01 rev A0 dev 0  
HW config: 0x00 SW key: 00-00-00

PCA: 73-3242-03 rev A0 ver 3  
HW version 1.0 S/N SDK034907AN

MBUS: Embedded Agent

Test hist: 0x00 RMA#: 00-00-00 RMA hist: 0x00

DIAG: Test count: 0x00000000 Test results: 0x00000000

L3 Engine: 2 - Backbone OC48 (2.5 Gbps)

MBUS Agent Software version 01.40 (RAM) (ROM version is  
02.00)

Using CAN Bus A

ROM Monitor version 10.03

Fabric Downloader version used 04.01 (ROM version is  
04.01)

Primary clock is CSC 1

Board is analyzed

```
Board State is Line Card Enabled (IOS RUN )
Insertion time: 00:00:09 (6d03h ago)
DRAM size: 134217728 bytes
FrFab SDRAM size: 134217728 bytes, SDRAM pagesize: 8192
bytes
ToFab SDRAM size: 134217728 bytes, SDRAM pagesize: 8192
bytes
0 crashes since restart
```

```
gunpowder#sh diag 3
SLOT 3 (RP/LC 3 ): 4 Port Packet Over SONET OC-12c/STM-4
Multi Mode
MAIN: type 40, 800-5424-02 rev B0 dev 994761
      HW config: 0x01 SW key: 00-00-00
PCA: 73-3241-04 rev B0 ver 3
      HW version 1.0 S/N SDK034706HE
MBUS: Embedded Agent
      Test hist: 0x07 RMA#: 00-00-00 RMA hist: 0x00
DIAG: Test count: 0x00000000 Test results: 0x00000000
L3 Engine: 2 - Backbone OC48 (2.5 Gbps)
MBUS Agent Software version 01.40 (RAM) (ROM version is
02.00)
Using CAN Bus A
ROM Monitor version 10.04
Fabric Downloader version used 04.01 (ROM version is
04.01)
Primary clock is CSC 1
Board is analyzed
Board State is Line Card Enabled (IOS RUN )
Insertion time: 6d02h (01:16:43 ago)
DRAM size: 268435456 bytes
FrFab SDRAM size: 134217728 bytes, SDRAM pagesize: 8192
bytes
ToFab SDRAM size: 134217728 bytes, SDRAM pagesize: 8192
bytes
0 crashes since restart
```

```
gunpowder#
```

## **Nitro**

```
nitro#sh ver
Cisco Internetwork Operating System Software
IOS (tm) GS Software (GSR-P-M), Experimental Version
12.0(20000808:204209) [cei -
eft2 139]
Copyright (c) 1986-2000 by cisco Systems, Inc.
Compiled Wed 18-Oct-00 11:03 by cei
Image text-base: 0x60010908, data-base: 0x618A2000

ROM: System Bootstrap, Version 11.2(17)GS2, [htseng 180]
EARLY DEPLOYMENT RELEAS
E SOFTWARE (fc1)
```

nitro uptime is 5 days, 4 hours, 49 minutes  
System returned to ROM by reload  
System image file is "slot0:gsr-p-mz.eft1018"

cisco 12008/GRP (R5000) processor (revision 0x01) with  
131072K bytes of memory.  
R5000 CPU at 200Mhz, Implementation 35, Rev 2.1, 512KB L2  
Cache  
Last reset from power-on

1 Route Processor Card  
2 Clock Scheduler Cards  
3 Switch Fabric Cards  
1 four-port OC3 POS controller (4 POS).  
1 OC12 POS controller (1 POS).  
2 four-port OC12 POS controllers (8 POS).  
1 Ethernet/IEEE 802.3 interface(s)  
13 Packet over SONET network interface(s)  
507K bytes of non-volatile configuration memory.

20480K bytes of Flash PCMCIA card at slot 0 (Sector size  
128K).  
8192K bytes of Flash internal SIMM (Sector size 256K).  
Configuration register is 0x2102

WARNING: Old Rom Monitor in slot 4  
Use "upgrade rom-monitor" command to update the image  
WARNING: Old Fabric Downloader in slot 4  
Use "upgrade fabric-downloader" command to update the image  
nitro#

nitro#sh diag 1

SLOT 1 (RP/LC 1 ): 4 Port Packet Over SONET OC-12c/STM-4  
Multi Mode

MAIN: type 40, 800-5424-01 rev A0 dev 994761  
HW config: 0x01 SW key: 00-00-00

PCA: 73-3241-03 rev A0 ver 3  
HW version 1.0 S/N SDK03490711

MBUS: Embedded Agent  
Test hist: 0x00 RMA#: 00-00-00 RMA hist: 0x00

DIAG: Test count: 0x01000003 Test results: 0x00780021

L3 Engine: 2 - Backbone OC48 (2.5 Gbps)

MBUS Agent Software version 01.40 (RAM) (ROM version is  
02.00)

Using CAN Bus A

ROM Monitor version 10.04

Fabric Downloader version used 04.08 (ROM version is

04.08)

Primary clock is CSC 1

Board is analyzed

Board State is Line Card Enabled (IOS RUN )

Insertion time: 00:00:11 (5d04h ago)

DRAM size: 134217728 bytes

FrFab SDRAM size: 134217728 bytes, SDRAM pagesize: 8192 bytes  
ToFab SDRAM size: 134217728 bytes, SDRAM pagesize: 8192 bytes  
0 crashes since restart

nitro#sh diag 2  
SLOT 2 (RP/LC 2 ): 4 Port Packet Over SONET OC-12c/STM-4 Single Mode  
MAIN: type 40, 800-5491-01 rev A0 dev 0  
HW config: 0x00 SW key: 00-00-00  
PCA: 73-3242-03 rev A0 ver 3  
HW version 1.0 S/N SDK0349077K  
MBUS: Embedded Agent  
Test hist: 0x00 RMA#: 00-00-00 RMA hist: 0x00  
DIAG: Test count: 0x01000004 Test results: 0x00790002  
L3 Engine: 2 - Backbone OC48 (2.5 Gbps)  
MBUS Agent Software version 01.40 (RAM) (ROM version is 02.00)  
Using CAN Bus A  
ROM Monitor version 10.04  
Fabric Downloader version used 04.01 (ROM version is 04.01)  
Primary clock is CSC 1  
Board is analyzed  
Board State is Line Card Enabled (IOS RUN )  
Insertion time: 00:00:11 (5d04h ago)  
DRAM size: 134217728 bytes  
FrFab SDRAM size: 134217728 bytes, SDRAM pagesize: 8192 bytes  
ToFab SDRAM size: 134217728 bytes, SDRAM pagesize: 8192 bytes  
0 crashes since restart

nitro#sh diag 4  
SLOT 4 (RP/LC 4 ): 4 Port Packet Over SONET OC-3c/STM-1 Multi Mode  
MAIN: type 33, 800-2396-02 rev A0 dev 16777215  
HW config: 0x01 SW key: FF-FF-FF  
PCA: 73-2147-05 rev A0 ver 4  
HW version 1.1 S/N CAB01480067  
MBUS: MBUS Agent (1) 73-2146-06 rev A0 dev 0  
HW version 1.1 S/N CAB014600VA  
Test hist: 0xFF RMA#: FF-FF-FF RMA hist: 0xFF  
DIAG: Test count: 0xFFFFFFFF Test results: 0xFFFFFFFF  
L3 Engine: 0 - OC12 (622 Mbps)  
MBUS Agent Software version 01.40 (RAM) (ROM version is 02.03)  
Using CAN Bus A  
ROM Monitor version 0C.00  
Fabric Downloader version used 13.06 (ROM version is 00.03)  
Primary clock is CSC 1  
Board is analyzed

Board State is Line Card Enabled (IOS RUN )  
Insertion time: 00:00:11 (5d04h ago)  
DRAM size: 33554432 bytes  
FrFab SDRAM size: 16777216 bytes  
ToFab SDRAM size: 16777216 bytes  
0 crashes since restart

nitro#