

# M7i Multiservice Edge Router Release Notes

## August 2010

These release notes accompany the release of the Juniper Networks M7i Multiservice Edge router. They describe the documentation for the router and known issues with the hardware and accompanying software.

You can also find these release notes on the Juniper Networks Technical Publications Web page, which is located at <http://www.juniper.net/techpubs/>.

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## Outstanding Issues with the M7i Router

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This section lists outstanding issues with the M7i router. For information about software issues, see the *Junos Release Notes*.

- The default hardware configuration of the Routing Engine does not include an internal CompactFlash card, which affects which media are available to the Routing Engine as it accesses the Junos OS at boot time. For more information about the Routing Engine's use of boot media, see "Installation Overview" in the *Junos System Basics Configuration Guide*.
- There are two versions of the Compact Forwarding Engine Board (CFEB) for M7i routers:
  - CFEB with 4 megabytes (MB) of I/O Manager SSRAM—When this CFEB is installed on an M7i router, Junos OS Release 6.0R1 or later is required. The part number for this CFEB is 750-009489 or 750-009490.
  - CFEB with 8 MB of I/O Manager SSRAM—When this CFEB is installed on an M7i router, Junos OS Release 6.0R2 or later is required. The part number for this CFEB is 750-010111 or 750-010112.

To determine the part number of your CFEB if it is not installed in a router, locate the label on the circuit board. To determine the part number of your CFEB when it is installed in a router, use the **show chassis hardware** command:

```
user@host> show chassis hardware
.. CFEB           REV 01  750-009489  CA0187           Internet
Processor ...
```

- If you install Junos OS Release 6.1R1 or later, a warning message might be logged if the CFEB field-programmable gate array (FPGA) firmware is not revision 15 or later. Contact the Juniper Networks Technical Assistance Center (JTAC) for assistance upgrading the FPGA firmware.
- The long haul (LH) small form-factor pluggable transceiver (SFP) conforms to Class A emissions standards on the M7i router when it is installed in the 1-port Gigabit Ethernet SFP Physical Interface Card (PIC).

- Related Topics**
- [Errata with the M7i Router Documentation on page 2](#)
  - [M7i Routing Engine Description](#)

## Errata with the M7i Router Documentation

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This section lists outstanding issues with the documentation.

- The M7i router now supports the RE-850-1536 Routing Engine.

- Related Topics**
- [Outstanding Issues with the M7i Router on page 2](#)

- M7i Compact Forwarding Engine Board (CFEB) and Enhanced Compact Forwarding Engine Board (CFEB-E) Description

## Junos OS Documentation and Release Notes

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For a list of related Junos OS documentation, see <http://www.juniper.net/techpubs/software/junos/> .

If the information in the latest release notes differs from the information in the documentation, follow the *Junos OS Release Notes*.

To obtain the most current version of all Juniper Networks® technical documentation, see the product documentation page on the Juniper Networks website at <http://www.juniper.net/techpubs/>.

## Requesting Technical Support

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Technical product support is available through the Juniper Networks Technical Assistance Center (JTAC). If you are a customer with an active J-Care or JNASC support contract, or are covered under warranty, and need postsales technical support, you can access our tools and resources online or open a case with JTAC.

- JTAC policies—For a complete understanding of our JTAC procedures and policies, review the JTAC User Guide located at <http://www.juniper.net/us/en/local/pdf/resource-guides/7100059-en.pdf> .
- Product warranties—For product warranty information, visit <http://www.juniper.net/support/warranty/> .
- JTAC Hours of Operation —The JTAC centers have resources available 24 hours a day, 7 days a week, 365 days a year.

## Self-Help Online Tools and Resources

For quick and easy problem resolution, Juniper Networks has designed an online self-service portal called the Customer Support Center (CSC) that provides you with the following features:

- Find CSC offerings: <http://www.juniper.net/customers/support/>
- Search for known bugs: <http://www2.juniper.net/kb/>
- Find product documentation: <http://www.juniper.net/techpubs/>
- Find solutions and answer questions using our Knowledge Base: <http://kb.juniper.net/>
- Download the latest versions of software and review release notes: <http://www.juniper.net/customers/csc/software/>
- Search technical bulletins for relevant hardware and software notifications: <https://www.juniper.net/alerts/>
- Join and participate in the Juniper Networks Community Forum: <http://www.juniper.net/company/communities/>
- Open a case online in the CSC Case Management tool: <http://www.juniper.net/cm/>

To verify service entitlement by product serial number, use our Serial Number Entitlement (SNE) Tool: <https://tools.juniper.net/SerialNumberEntitlementSearch/>

## Opening a Case with JTAC

You can open a case with JTAC on the Web or by telephone.

- Use the Case Management tool in the CSC at <http://www.juniper.net/cm/> .
- Call 1-888-314-JTAC (1-888-314-5822 toll-free in the USA, Canada, and Mexico).

For international or direct-dial options in countries without toll-free numbers, visit us at <http://www.juniper.net/support/requesting-support.html>

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## Revision History

August 2010—Corporate rebranding.

10 April 2009—530-009333-01. Revision 5. Revised sections into modular topics for easier customer access.

13 April 2005—530-009333-01. Revision 4.

19 April 2004—530-009333-01. Revision 3.

22 September 2003—530-009333-01. Revision 2.

25 July 2003—530-009333-01. Revision 1.

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