



Cisco 7500 Series Routers Processor Documentation Roadmap

Documentation Survey

Is Cisco documentation helpful? Click [here](#) or go to <http://forums.cisco.com/eforum/servlet/viewsflash?cmd=showform&pollid=rtgdoc01!rtgdoc> to give us your feedback.

Contents

Use this index as an online directory to quickly access publications for your product. This index includes the following sections:

- [Interface Processor Documentation](#)
- [Route Switch Processor Documentation](#)
- [Versatile Interface Processor Documentation](#)
- [Other Cisco 7500 Series Router Documentation](#)

Interface Processor Documentation

This section provides links to the interface processor documentation by technology area. To open a document, click the link provided.

To open the general installation and configuration guide for the Cisco 7500 series routers, click the following link:

[*Interface Processor Installation and Configuration Guide*](#)



Corporate Headquarters:
Cisco Systems, Inc., 170 West Tasman Drive, San Jose, CA 95134-1706 USA

© 2006 Cisco Systems, Inc. All rights reserved.

ATM Interface Processors

To open a document, click one of the following links:

- [ATM Interface Processor \(AIP\) Installation and Configuration Guide](#)
CX-AIP-TM=, CX-AIP-SM=, CX-AIP-SS=, CX-AIP-E3=, CX-AIP-DS3=, CLIP-E3-EMI=, and CAB-ATM-DS3/E3=
- [ATM Cable Interface Processor \(ACIP\) Installation and Configuration Guide](#)
ACIP-SM=

Channel Interface Processors

To open a document, click one of the following links:

- [Channel Interface Processor \(CIP\) Installation and Configuration Guide](#)
CX-CIP-ECA1=, CX-CIP-ECA2=, CX-CIP-ECAP1=, CX-CIP-PCA1=, CX-CIP-PCA2=, CAB-PCA-Y=, CAB-PCA-VA=, CAB-PCA-VB=
- [Second-Generation Channel Interface Processor \(CIP2\) Installation and Configuration Guide](#)
CX-CIP2-ECA1=, CX-CIP2-ECA2=, CX-CIP2-ECAP1=, CX-CIP2-PCA1=, CX-CIP2-PCA2=, CX-CIP2-U-ECA1=, CX-CIP2-U-ECA2=, CX-CIP2-U-ECAP1=, CX-CIP2-U-PCA1=, CX-CIP2-U-PCA2=, CAB-PCA-Y=, CAB-PCA-VA=, CAB-PCA-VB=
- [Upgrading DRAM on the CIP2](#)
MEM-CIP-64M= and MEM-CIP-128M=

Dynamic Packet Transport Interface Processors

To open the document, click the following link:

- [OC-12 Dynamic Packet Transport Interface Processor Installation and Configuration Guide](#)
SRPIP-OC12MM=, SRPIP-OC12SMI=, SRPIP-OC12SML=, SRPIP-OC12SMX=

Ethernet/Fast Ethernet/Gigabit Ethernet Interface Processors

To open a document, click one of the following links:

- [Enhanced Gigabit Ethernet Interface Processor Installation and Configuration Guide](#)
GEIP+=
- [Ethernet Interface Processor \(EIP\) Installation and Configuration Guide](#)
CX-EIP2=, CX-EIP4=, and CX-EIP6=
- [Fast Ethernet Interface Processor \(FEIP\) Installation and Configuration Guide](#)
CX-FEIP-1TX=, CX-FEIP-2TX=, CX-FEIP-1FX=, and CX-FEIP-2FX=
- [FEIP2-DSW Fast Ethernet Interface Processor Installation and Configuration Guide](#)
FEIP2-DSW-2TX= and FEIP2-DSW-2FX=

- [Gigabit Ethernet Interface Processor \(GEIP\) Installation and Configuration Guide](#)
GEIP=, GBIC-SX=, GBIC-LX=, GBIC-LH=, and CAB-GELX-625=
- [Jackscrew Installation Instructions \(for EIP Ports\)](#)
- [Second-Generation Fast Ethernet Interface Processor \(FEIP2\) Installation and Configuration Guide](#)
CX-FEIP2-2TX= and CX-FEIP2-2FX=

Fiber Distributed Data Interface (FDDI) Processors

To open a document, click one of the following links:

- [FDDI Interface Processor \(FIP\) Installation and Configuration Guide](#)
CX-FIP-MM=, CX-FIP-SS=, CX-FIP-MS=, CX-FIP-SM=, and CAB-FMDD=
- [Using FC-to-SC FDDI Adapters in the Cisco 4000 Series, Cisco 7000 Series, and Cisco 7500 Series Routers](#)
FC-SC-ADAPTER=

High Speed Serial Interface (HSSI) Processors

To open a document, click one of the following links:

- [High-Speed Serial Interface \(HSSI\) Interface Processor \(HIP\) Installation and Configuration Guide](#)
CX-HIP=, CAB-HSI1=, and CAB-HNUL=
- [Installing High-Speed Serial Interface \(HSSI\) Cables](#)
CAB-HSI1= and CAB-HNUL=

Serial and Channelized Interface Processors

To open a document, click one of the following links:

- [Channelized T3 Interface Processor \(CT3IP-50\) Installation and Configuration Guide](#)
CT3IP-50=
- [Channelized T3 Interface Processor \(CT3IP\) Installation and Configuration Guide](#)
CT3IP-20= and CT3IP-40=
- [Fast Serial Interface Processor \(FSIP\) Installation and Configuration Guide](#)
CX-FSIP4=, CX-FSIP8=, PA-7KF-SPA=, UPG-FSIP4=, UPG-FSIP8=, UPG-7KF-SPA=
- [FSIP and SSIP, E1-G.703/G.704 Port Adapter Interface Installation and Configuration Guide](#)
PA-7KF-E1/120= and PA-7KF-E1/75=
- [Multichannel Interface Processor \(MIP\) Installation and Configuration Guide](#)
CX-MIP-1CT1=, CX-MIP-2CT1=, CX-MIP-1CE1/120=, CX-MIP-2CE1/120=,
CX-MIP-1CE1/75=, and CX-MIP-2CE1/75=

SONET Interface Processors

To open a document, click one of the following links:

- [Packet OC-3 Interface Processor \(POSIP-OC3-50\) Installation and Configuration Guide](#)
POSIP-OC3-50-SM= and POSIP-OC3-50-MM=
- [Packet OC-3 Interface Processor \(POSIP\) Installation and Configuration Guide](#)
POSIP-OC3-20-SM=, POSIP-OC3-20-MM=, POSIP-OC3-40-SM=, POSIP-OC3-40-MM=, and
MEM-POSIP-64MB=

Token Ring Interface Processors

To open the document, click the following link:

- [Token Ring Interface Processor \(TRIP\) Installation and Configuration Guide](#)
CX-TRIP2= and CX-TRIP4=

Route Switch Processor Documentation

To open a document, click one of the following links:

- [Route Switch Processor \(RSP1\) Installation and Configuration Guide](#)
RSP1=, MEM-RSP-8M=, MEM-RSP-16M=, MEM-RSP-24M=, MEM-RSP-32M=,
MEM-RSP-64M=, and MEM-RSP-128M=
- [Route Switch Processor \(RSP2\) Installation and Configuration Guide](#)
RSP2=, RSP=, ROMMON-RSP2=, MEM-RSP-8M=, MEM-RSP-16M=, MEM-RSP-24M=,
MEM-RSP-32M=, MEM-RSP-64M=, MEM-RSP-128M=, MEM-RSP-FLC8M=,
MEM-RSP-FLC16M=, MEM-RSP-FLC20M=, MEM-RSP-FLC32M=
- [Route Switch Processor \(RSP4/4+\) Installation and Configuration Guide](#)
RSP4+=, RSP4=, CISCO 7505/4=, CISCO 7507/4=, CISCO 7513/4=, CISCO 7507/4x2=,
CISCO 7513/4x2=, CISCO 7576=, MEM-RSP4-32M=, MEM-RSP4-64M=, MEM-RSP4-128M=,
MEM-RSP4-128M-4PK=, MEM-RSP4-256MB=, MEM-RSP4-256-4PK=,
MEM-RSP4-FLC16M=, MEM-RSP4-FLC20M=, MEM-RSP4-FLC32M=
- [RSP4+ Bootflash Memory Upgrade to 16MB Installation and Configuration Guide](#)
MEM-16F-RSP4+=
- [Route Switch Processor \(RSP8\) Installation and Configuration Guide](#)
RSP8=, CISCO7507/8-MX=, CISCO7513/8-MX=, CISCO7507/8x2-MX=, CISCO7513/8x2-MX=,
MEM-RSP8-64M=, MEM-RSP8-128M=, MEM-RSP8-256M=, MEM-RSP8-FLC16M=,
MEM-RSP8-FLC20M=, MEM-RSP8-FLC32M=, MEM-RSP8-FLD48M=,
MEM-RSP8-FLD128M=
- [Route Switch Processor \(RSP16\) Installation and Configuration Guide](#)
RSP16=, CISCO7507/16-MX=, CISCO7513/16-MX=, CISCO7507/16x2-MX=,
CISCO7513/16x2-MX=, MEM-RSP16-128M=, MEM-RSP16-256M=, MEM-RSP16-512M=,
MEM-RSP16-FLD48M=, MEM-RSP16-FLD128M=

Versatile Interface Processor Documentation

To open a document, click one of the following links:

- [VIP-FE-TX Installation and Configuration Guide](#)
VIP-FE-TX=
- [VIP-FE-TX/FE-TX Installation and Configuration Guide](#)
VIP-FE-TX/FE-TX=
- [VIP-FE-TX/4E Installation and Configuration Guide](#)
VIP-FE-TX/4E=
- [VIP-4E/4T Installation and Configuration Guide](#)
VIP-4E/4T=
- [VIP-4R/4T Installation and Configuration Guide](#)
VIP-4R/4T=
- [Versatile Interface Processor \(VIP6-80\) Installation and Configuration Guide](#)
VIP6-80=, MEM-VIP6-64M-SD=, MEM-VIP6-128M-SD=, MEM-VIP6-256M-SD=

Second-Generation Versatile Interface Processor

To open the document, click the following link:

- [Second-Generation Versatile Interface Processor \(VIP2\) Installation and Configuration Guide](#)
VIP2-10=, VIP2-15=, VIP2-20=, VIP2-40=, VIP2-50=, VIP2-10/15-UPG=, VIP2-10/40-UPG=, VIP2-15/40-UPG=, VIP2-20/40-UPG=, MEM-VIP250-8M-S=, MEM-VIP250-64M-D=, MEM-VIP250-128M-D=
- [Upgrading DRAM on the VIP2-10, VIP2-15, or FEIP2](#)
VIP2-10/15/FE2-UPG=
- [Upgrading Memory on the Second-Generation Versatile Interface Processor \(VIP2\)](#)
VIP2-10/15-UPG=, VIP2-10/40-UPG=, VIP2-15/40-UPG=, VIP2-20/40-UPG=, MEM-VIP240-64MB-D=, MEM-VIP240-64MB-10PK=, MEM-VIP250-8M-S=, MEM-VIP250-64M-D=, MEM-VIP250-128M-D=, MEM-VIP250-128M-10PK=

Fourth-Generation Versatile Interface Processors

To open the document, click the following link:

- [Fourth-Generation Versatile Interface Processor \(VIP4\) Installation and Configuration Guide](#)
VIP4-50=, VIP4-80=, MEM-VIP4-64M-SD=, MEM-VIP4-128M-SD=, MEM-VIP4-256M-SD=

Other Cisco 7500 Series Router Documentation

To access indexes for other related documentation for the Cisco 7500 series routers, click the following links:

- [Cisco 7500 Series Routers Documentation Roadmap](#)
- [Cisco 7500 Series Routers Port Adapter Documentation Roadmap](#)
- [Cisco 7500 Series Routers Troubleshooting Roadmap](#)

CCSP, CCVP, the Cisco Square Bridge logo, Follow Me Browsing, and StackWise are trademarks of Cisco Systems, Inc.; Changing the Way We Work, Live, Play, and Learn, and iQuick Study are service marks of Cisco Systems, Inc.; and Access Registrar, Aironet, BPX, Catalyst, CCDA, CCDP, CCIE, CCIP, CCNA, CCNP, Cisco, the Cisco Certified Internetwork Expert logo, Cisco IOS, Cisco Press, Cisco Systems, Cisco Systems Capital, the Cisco Systems logo, Cisco Unity, Enterprise/Solver, EtherChannel, EtherFast, EtherSwitch, Fast Step, FormShare, GigaDrive, GigaStack, HomeLink, Internet Quotient, IOS, IP/TV, iQ Expertise, the iQ logo, iQ Net Readiness Scorecard, LightStream, Linksys, MeetingPlace, MGX, the Networkers logo, Networking Academy, Network Registrar, *Packet*, PIX, Post-Routing, Pre-Routing, ProConnect, RateMUX, ScriptShare, SlideCast, SMARTnet, The Fastest Way to Increase Your Internet Quotient, and TransPath are registered trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries.

All other trademarks mentioned in this document or Website are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (0601R)