



Release Notes for VWIC2-xMFT-G703-C Support for Cisco 1906C/K9

Published: March 25, 2011

OL-24463-01

These release notes describe the VWIC2-xMFT-G703-C support for Cisco 1906C/K9 platforms. They should be used with the documents listed in the [Related Documentation](#) section.

These release notes are updated as needed. To ensure that you have the latest version of these release notes, go to http://www.cisco.com/en/US/products/ps10538/tsd_products_support_general_information.html. In the Support box, choose **General Information > Release Notes** and then find the latest release notes for your release.

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Introduction

The Cisco 1906C was built on the Cisco 1900 Series Integrated Services Routers (ISRs) based on first-class products. All Cisco 1900 Series ISR products offer embedded hardware encryption acceleration, optional firewall, intrusion prevention, and advanced security services. In addition, the Cisco 1906C ISRs also have an integrated serial interface module and an EWHIC slot that can support LAN, 3G, or ISDN module options. It can also be deployed in a high-speed WAN environment, which provides better service integration capabilities and network flexibility. The Cisco 1906C improves the performance and density and will support multiple services. It will also feature multiple independent devices that can be integrated into a compact remote management system.



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The Cisco 2G 1- and 2-port T1/E1 Multiflex Trunk Voice/WAN Interface (MFT VWIC2s) support data on the Cisco 1906C Series ISRs. The Cisco MFT VWIC2 combines WAN interface card (WIC) and voice interface card (VIC) functions to provide unparalleled flexibility, versatility, and investment protection through its many uses.

System Requirements

This section contains the following parts:

- [Memory Requirements, page 2](#)
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Memory Requirements

[Table 1](#) lists the default memory configuration of Cisco 1906C/K9.

Table 1 *Default Memory Configuration*

| Model | Memory (DDR2 DRAM): Default / Max | USB Flash memory: Default/Max | External USB flash memory slot (Type A) |
|----------------|--------------------------------------|----------------------------------|--|
| Cisco 1906C/K9 | 256 MB/512 MB (via license upgrade) | 256 MB/256 MB (internal) | 1 |

Feature Set Tables

[Table 2](#) lists the product information and description of Cisco 1906C/K9.

Table 2 *Product Information and Description*

| Product Name/ID | Description |
|-----------------|--|
| Cisco 1906C/K9 | C1906 Router, 2 GE, HWIC-1T, CAB-SS-V35MT, 256F/256D, IPBase |

[Table 3](#) lists the physical specifications of Cisco 1906C/K9.

Table 3 *Physical Specifications*

| Physical Specifications | |
|---|--------------------------|
| Dimensions (H x W x L) | 1.75 H x 13.5 W x 11.5 L |
| Rack Height | 1RU |
| Rack-mount 19-inch (48.3 cm) EIA | Optional |
| Wall installation (see Installation Guide for installation direction allowed) | Yes |
| Weight-with AC power supply (no module) | 8 lb |
| Maximum weight - fully loaded | 14 lb |
| Airflow | From rear to side |

Table 4 lists the power specifications of Cisco 1906C/K9.

Table 4 Power Specifications

| Power Specifications | |
|--|----------------|
| AC input voltage | 100-240 V |
| AC Input Frequency | 47-63 Hz |
| AC input current range of AC power (maximum) | 1.5-0.6 A |
| AC input surge current | Less than 50 A |
| Rated Power (without modules) | 25 watts |
| AC power supply capacity of the largest | 60 W |

Table 5 lists the services and slot density of Cisco 1906C/K9.

Table 5 Services and Slot Density

| Services and Slot Density | |
|---|-------------------------------|
| Minimum Cisco IOS Software Release | 15.1(4)M |
| Embedded hardware-based encryption acceleration (IPsec + SSL) | Yes |
| Onboard 10/100/1000 RJ-45 LAN port | 2 |
| Serial port | Slot 0 (integrated HWIC-1T-C) |
| EWIC slot | 1 |
| USB console port (mini-Type B) (up to 115.2 kbps) | 1 |
| Serial console port (up to 115.2 kbps) | 1 |
| Serial auxiliary port (up to 115.2 kbps) | 1 |
| Integrated Power | AC |
| Redundant Power Supply | No |

Table 6 lists the modules feature comparison.

Table 6 Feature Comparison

| Part Number | Number of Ports | E1 Support | Unstructured E1 (G.703) Support | Data Support WIC Mode | Drop-and-Insert Multiplexing |
|-------------------|-----------------|------------|---------------------------------|-----------------------|------------------------------|
| VWIC2-1MFT-G703-C | 1 | Yes | Yes | Yes | Yes |
| VWIC2-2MFT-G703-C | 2 | Yes | Yes | Yes | Yes |

Table 7 lists the product description of the network modules.

Table 7 **Module Product Description**

| Network Module | Product Description |
|-------------------|---|
| VWIC2-1MFT-G703-C | 1-port E1 only C-series Voice/WAN with drop and insert unstructured E1 (G703) |
| VWIC2-2MFT-G703-C | 2-port E1 only C-Series Voice/WAN with drop and insert unstructured E1 (G703) |

Table 8 lists the compliance information of Cisco 1906C/K9.

Table 8 **Compliance**

| Compliance | Description |
|--------------------|--|
| Security | UL 60950-1 CAN / CSA C22.2 No. 60950-1 EN 60950-1 AS / NZS 60950-1 IEC 60950-1 |
| EMC | 47 CFR, Part 15 ICES-003 Class A EN55022 Class A CISPR22 Class A AS / NZS 3548 Class A VCCI V-3 EN 300-386 EN 61000 (Immunity) EN 55024, CISPR 24 EN50082-1 |
| Telecommunications | TIA/EIA/IS-968 CS-03 CS-03 ANSI T1.101 IEEE 802.3 RTTE Directive |

Related Documentation

Table 9 describes the related documentation available for VWIC2-1MFT-G703-C and VWIC2-1MFT-G703-C support for Cisco 1906C/K9.

Table 9 *VWIC2-1MFT-G703-C and VWIC2-1MFT-G703-C support for Cisco 1906C/K9 Documentation*

| Document Title | Available Formats |
|---|---|
| <i>Cisco 2nd Generation 1 and 2 Port T1E1 Multiflex Trunk Voice WAN Interface Cards</i> | http://www.cisco.com/en/US/prod/collateral/routers/ps5855/product_data_sheet0900aecd8028d2db.html |
| <i>Cisco 1906C Series Integrated Services Routers</i> | http://www.cisco.com/web/CN/products/products_netsol/routers/products/isr/isr_1906c.html |

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