

Refurbished CISCO WIC-1T Datasheet

CISCO > CLOUD-SYSTEMS-MANAGEMENT

Cisco Configuration Professional

Cisco Configuration Professional Express Supported Features

Feature	Support Details
Setting up WAN	Provides the interface to enable DNS, DHCP, Hostname, and setup wired WAN such as Ethernet; and dialer, wireless WAN such as third- and fourth-generation (3G and 4G, respectively) interfaces
VLAN	Provides the ability to create a new VLAN and associate one or more Layer 2 interfaces to it
Static routing	Allows you to add, edit, and delete IP routes to a destination interface or IP address from IPv4 or IPv6 subnets
User management	Allows you to create, edit, and delete users who are local to the router; you can specify privilege levels and a password hashing algorithm
Router Diagnostics	Dashboard view allows to view the memory and processor statistics of the router
Plug and Play	Allows to configure Plug and Play server from which the router can obtain full configuration and IOS image updates
Command Line Interface	Allows to configure or run IOS CLI commands that can be directly executed from routers command prompt
Setting up Wi-Fi	Enables to setup a new SSID, the associated VLAN, security scheme and the encryption keys
Troubleshooting	Trace and ping commands allow the user to do basic troubleshooting of the network and device connectivity

Features and Benefits

Feature	Benefit
Comprehensive remote management	This feature turns the router into a security, voice, and remote-access solution with its own management tool. You can manage the router remotely from any supported desktop or laptop.
Out-of-the-box router configuration	Cisco Configuration Professional Express is a slimmed-down version of the Cisco Configuration Professional GUI tool embedded in the router flash memory that helps Cisco partners and customers with out-of-the-box configuration of access-router LAN and WAN interfaces and minimal Cisco IOS Software security features.
At-a-glance router status views	These views offer a quick graphical summary of router hardware, software, and primary router services such as VPN, firewall, QoS, etc.
Demo mode	Sales representatives can use this feature to showcase the feature richness of the ISR.
Router security audit	The audit assesses the vulnerability of your existing router. It provides quick compliance to best-practices security policies for routers.
One-step router lockdown	This feature simplifies firewall and Cisco IOS Software configuration without requiring expertise about security or Cisco IOS Software.
Smart wizards for most frequent router and security configuration tasks	Smart wizards avert misconfigurations with integrated routing and security knowledge. They reduce network administrators' training needs for new Cisco IOS Software security features. The wizards secure the existing network infrastructure easily and cost-effectively.
WAN and VPN troubleshooting	Mean time to repair (MTTR) is reduced by taking advantage of the integration of routing, LAN, WAN, and security features on the router for detailed troubleshooting. The integration of routing, LAN, WAN, and security features on the router allows for detailed troubleshooting of IPsec VPNs or WAN links.
Quality-of-service (QoS) policy	WAN and VPN bandwidth and application performance for different business needs (voice and video, enterprise applications, web, etc.) are easily optimized.

	Three predefined categories of policy are available: real-time, business-critical, and best-effort.
Network-Based Application Recognition (NBAR)	NBAR provides real-time validation of application usage of WAN and VPN bandwidth against predefined service policies. NBAR provides for traffic performance monitoring.
Real-time monitoring and logging	Administrators can proactively manage router resources and security before they affect mission-critical applications on the network.
Real-time network and router resource monitoring	This monitoring offers faster and easier analysis of router resource and network resource usage. It offers graphical charts for LAN and WAN traffic and bandwidth usage.
Task-based Cisco Configuration Professional user interface	This interface provides for faster and easier configuration of security configurations - IPsec VPNs, firewall, access control lists (ACLs), IPSs, etc. The interface provides a quick snapshot of router services configuration through the dashboard view on the homepage.
Cisco Configuration Professional Express wizard-based deployment of router	Router deployment for basic WAN access configurations is quick and easy. This router deployment tool is ideal for nonexpert users.
Digital certificates	Digital certificates offer a highly scalable and more secure solution than preshared keys. Digital certificates are now easy to use, and they deploy with the combination of Cisco Configuration Professional, Cisco IOS Software Certificate Authority Server, and the Easy Secure Device Deployment feature.
Role-based access	This feature uses the Cisco IOS Software CLI Views feature to define restricted task-based roles for different router administrators and users. It allows Cisco value-added resellers and service providers to offer a graphical, read-only view of the customer-premises-equipment (CPE) services to end customers. It offers factory-default profiles: Administrator Firewall administrator Easy VPN client user Monitor-only view
User profiles (view-based access control)	This feature allows for view-based access controls. It allows Cisco value-added resellers and service providers to offer access to only certain screens of the Cisco Configuration Professional user interface.
Secure Sockets Layer (SSL)-based and Secure Shell (SSH) Protocol v2-based secure remote access	This feature provides for secure management between a PC and a Cisco router.
Comprehensive remote management	This feature turns the router into a security, voice, and remote-access solution with its own management tool. You can manage the router remotely from any supported desktop or laptop.

Cisco Configuration Professional Supported Voice Features

Voice Feature	Support Details
Voice system features	Paging groups and paging number, ad hoc and meet-me conferencing, night services, intercom, whisper intercom, after hours, call park, hunt groups, call blast, pickup groups, and single number reach
Users, phones, and extensions	System speed dial, multiple lines per phone, dual line, octal line, phone soft keys, call forward all, call forward busy, call forward no answer, monitor, overlay, share, and extension templates
Voicemail	Voicemail initialization, systemwide default setting, message waiting indicator, and mailbox
Time-division multiplexing (TDM) trunks	T1 Primary Rate Interface (T1-PRI) and single-line TDM trunk (Basic Rate Interface [BRI], direct inward dialing [DID], and foreign exchange office [FXO])
Phones	Analog phones and IP phones (including phone load support); only skinny endpoints are supported
Dial plan	Class of restriction, basic telephone service dial plan, VoIP dial plan, and translation rules and profiles
Multisite deployment	H.323 and Session Initiation Protocol (SIP) voice-over-IP (VoIP) parameters and remote worker (codec and Cisco IP Communicator [IPC])
Cisco SRST	Gateway mode with MGCP or SIP or H.323 protocol for communication from the gateway when in gateway mode

Cisco Configuration Professional Supported Cisco IOS Software Features

Cisco IOS Software Feature	Support Details
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VPN	VPN protocols include Easy VPN Server, Easy VPN Remote, Enhanced Easy VPN (IPsec Dynamic Virtual Tunnel Interface [DVTI]), SSL VPN, generic routing encapsulation (GRE) over IPsec, Dynamic Multipoint VPN (DMVPN) (full-mesh or hub-spoke), Group Encrypted Transport VPN, Voice and Video Enabled VPN (V3PN), digital certificates, VPN monitor, and troubleshooting.
Firewall	Firewall support includes zone-based firewall, stateful inspection, application firewall, granular protocol inspection, network edge, firewall log, and policy table.
IPS	IPS features are compatible with the Cisco IOS Software IPS feature in Releases 12.4(11)T2 and 12.4(9)T or earlier T train and Cisco IOS Software 12.4 Mainline releases (automatic signature provisioning, dynamic signature update and signature customization, event viewer, signature creation wizards, and threat-based signature categories).
Advanced configuration	Cisco IOS Software Certificate Authority Server, AutoQoS phase II, Network Address Translation (NAT) wizards, ACL, ACL Object Groups, VLAN, CLI preview mode, DHCP server, wireless LAN (WLAN), date and time, Network Time Protocol (NTP), DNS, SSHv2, management access policy, dynamic DNS, 802.1x Layer 2 port, and 802.1x Layer 3 spouse and kids are all supported.
Content filtering	Cisco value-added resellers and partners can configure content filtering on the access router to permit or deny URLs (based on categories configured in a third-party database) or to block any keywords or specific domains. The content filtering feature blocks access to the URLs, keywords, or specific domains from inside the corporate network.
Routing	Supported routing protocols include Open Shortest Path First (OSPF), Enhanced Interior Gateway Routing Protocol (EIGRP), Routing Information Protocol (RIP) Version 2, and static.

Cisco Configuration Professional Supported Cisco Router Products and Software Releases

Router Model	Earliest Cisco Configuration Professional Supported Cisco IOS Software Release
Cisco 815	12.4(11)T
Cisco 850 Series	12.4(9)T
Cisco 860 Series	12.4(20)T
Cisco 870 Series	12.4(9)T
Cisco 880 Series	12.4(20)T
Cisco 890 Series	15.0(1)M
Cisco 1801, 1802, and 1803	12.4(9)T
Cisco 1805	12.4(15)XY
Cisco 1811 and 1812	12.4(9)T
Cisco 1841	12.4(9)T
Cisco 1861	12.4(20)T
Cisco 1900 Series	15.0(1)M
Cisco 2800 Series	12.4(9)T
Cisco 2900 Series	15.0(1)M
Cisco 3800 Series	12.4(9)T
Cisco 3900 Series	15.0(1)M

Cisco Configuration Professional Supported Cisco Integrated Services Router and Cisco Integrated Services Routers Generation 2 (ISR G2) Interfaces (WAN Interface Cards [WICs] and High-Speed WICs [HWICs]) and Modules (Advanced Integration Modules [AIMs] and Network Modules [NMs])

Cisco Integrated Services Router Interface and Module Technology	Part Numbers
WAN interface cards (WICs)	WIC-1T, WIC-2T, WIC-2A/S, WIC-1DSU-T1-V2, WIC-4ESW, WIC-1B-S/T-V3, WIC-1ADSL, WIC-1SHDSL-V3, WIC-1ADSL-I-DG, WIC-1ADSL-DG, WIC-1AM, and WIC-2AM
High-speed WICs (HWICs)	HWIC-1FE, HWIC-2FE, HWIC-4T, HWIC-4A/S, HWIC-8A/S-232, HWIC-8A, HWIC-16A, HWIC-4ESW-POE, HWIC-D-9ESW-POE, HWIC-4ESW, HWIC-D-9ESW, HWIC-ADSLI-B/ST, HWIC-ADSL-B/ST,

	HWIC-1ADSLI, HWIC-1ADSL, HWIC-1ADSL-M, HWIC-2SHDSL, HWIC-4SHDSL, HWIC-CABLE-E/J-2, HWIC-CABLE-D-2, HWIC-AP-AG-A, HWIC-AP-AG-E, HWIC-AP-AG-J, HWIC-AP-G-A, HWIC-AP-G-E, HWIC-AP-G-J, HWIC-1T, HWIC-2T, HWIC-2A/S, HWIC-IDSU-T1, HWIC-3G-GSM, HWIC-3G-CDMA-S, and HWIC-3G-CDMA-V
Advanced integration modules (AIMs)	AIM-VPN/SSL-3, AIM-VPN/SSL-2, AIM-VPN/SSL-1, AIM_VPN/HPII-PLUS, AIM_VPN/EPII-PLUS, AIM_VPN/BPII-PLUS, and AIM-IPS-K9
Internal service modules (ISMs)	ISM-SRE-300
Network modules (NMs)	NM-4T, NM-4A/S, NM-8A/S, NM-16ESW, NM-16ESW-1GIG, NM-16ESW-PWR-1GIG, NM-2FE2W-V2, NM-1FE2W-V2, NM-1FE-FX-V2, NM-16ESW-PWR, NMD-36ESW-PWR-, and NMD-36ESW-PWR-2GIG
Enhanced network modules (NMEs)	NME-WAE-502-k9, NME-WAE-522-k9, NME-WAE-302-k9, NME-XD-48ES-2S-P, NME-X-23ES-1G-P, NME-16ES-1G-P, NME-XD-24ES-1S-P, NME-X-23ES-1G, NME-IPS-K9, NME-VMSS_16, NME-VMSS-HP-16, and NME-VMSS-HP-32
Cisco EtherSwitch Modules	SM-ES2-16-P, SM-ES2-24, SM-ES2-24-P, SM-D-ES2-48, SM-ES3-16-P, SM-ES3G-16-P, SM-ES3-24-P, SM-ES3G-24-P, SM-D-ES3-48-P, and SM-D-ES3G-48-P

Cisco Configuration Professional Supported Cisco Phones

Cisco Phones	Models
Phones	Cisco ATA 180 Series Analog Telephone Adaptors; Cisco IP Communicator (IPC); and Cisco Unified IP Phone 6921, 6941, 6961, 7902G, 7905, 7906G, 7910G, 7911G, 7912G, 7920, 7921G, 7931G, 7940G, 7941G, 7941G-GE, 7942G, 7945G, 7960G, 7961G, 7961G-GE, 7962G, 7965G, 7970G, 7971G, 7975G, and 7985G models
Supported Cisco Unified IP Phone Expansion Modules	Cisco Unified IP Phone Expansion Module 7914, 7915-12, 7915-24, 7916-12, and 7916-24 models
Supported Cisco Unified IP Conference Stations	Cisco IP Conference Station 7935 and Cisco Unified IP Conference Station 7936 and 7937G models

Cisco Configuration Professional Supported Cisco Integrated Services Router Voice Interface Modules

Cisco Integrated Services Router Interface and Module Technology	Part Numbers
Analog voice interface cards	VIC2-4FXO, VIC2-2FXS, VIC2-2FXO, VIC2-2BRI-NT/TE, VIC-2DID, VIC-4FXS/DID, VIC3-4FXS/DID, VIC3-2FXS/DID, and VIC3-2FXS-EDID
T1/E1 voice interface cards	VVIC2-1MFT-T1/E1 and VVIC2-2MFT-T1/E1
Voice network modules	NM-HD-1V, NM-HD-2V, NM-HD-2VE, NM-HDA-4FXS, NM-HDV2, NM-HDV2-1T1/E1, and NM-HDV2-2T1/E1
Voice expansion modules	EVM-HD-8FXS/DID, EM-HDA-8FXS, EM-HDA-4FXO, EM2-HDA-4FXO, EM-HDA-3FXS/4FXO, EM-HDA-6FXO, EM-4BRI-NT/TE, and EM3-HDA-8FXS/DID
Cisco Unity Express Voicemail	NM-CUE, NM-CUE-EC, AIM-CUE, AIM2-CUE, and NME-CUE
Cisco Unity Express Voicemail version support	Version 2.3.2 and later
Cisco Unified Communications Manager Express version support	Version 4.0 and higher

Client System Requirements

Personal computer operating systems	Windows 7 Windows Vista: Business Edition and Ultimate Edition Windows XP with SP2 and higher Mac OSX 10.5.6 running Windows XP using VMware 2.0
Other software	Sun JRE 1.5.0_11 up to 1.6.0_16 Adobe Flash Player Version 10.0.12.36 and later
PC hardware	Minimum 2-GHz processor 1-GB DRAM minimum; 2 GB recommended Screen resolution: 1024 x 768 Free disk space of 200 MB

The next steps...

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