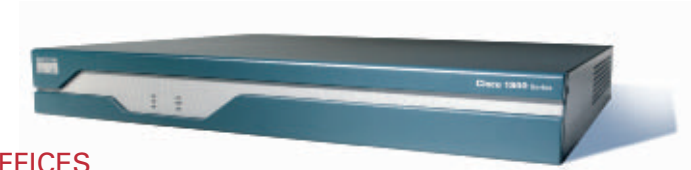




CISCO 1800 SERIES MIGRATION QUICK LOOK

INTEGRATED SERVICES ROUTERS FOR SMALL TO MEDIUM-SIZED BUSINESSES AND SMALL BRANCH OFFICES



This new family of Integrated Services Routers supports the wire-speed delivery of secure data services over a wide variety of WAN access technologies, offering the highest levels of performance, security, scalability, and availability for today's small to medium-sized businesses and small branch offices.

TOP 10 REASONS TO MIGRATE TO CISCO 1800 SERIES (MODULAR)

1. Ability to run concurrent services at wire speed up to one T1/E1/xDSL
2. Five-fold increase in routing performance over the Cisco 1700 Series
3. Enhanced security with onboard hardware encryption, Network Admission Control (NAC), and up to 10 fold security performance improvement over the 1721
4. Support for next generation of High-speed WAN Interface Cards (HWICs)
5. Optional integrated 10/100 switching and two onboard 10/100 LAN ports
6. Additional flexibility with internal AIM slot designated for higher speed VPN and future applications
7. Support for the latest Cisco IOS® Software-based QoS bandwidth management features
8. Greater slot density and performance for interface cards
9. Advanced device management provided by Cisco Router and Security Device Manager
10. USB Port for future applications, including off-platform storage of VPN credentials

EXPANDED FEATURES AND INCREASED SCALABILITY

Feature	1600	1721	1841
Form Factor	Desktop	Desktop	Desktop
Integrated LAN Ports	0	1	2
Interface Slots	1 WIC	2 WIC/VWIC	2 HWIC/WIC/VWIC (data only)
AIM Slots	0	1	1
USB Port	0	0	1 (v1.1)
WLAN	No	No	Yes
Embedded Crypto Processor	No	No	Yes
Default/Max Flash	4/16 MB	32/32 MB	32/128 MB
Default/Max DRAM	8/24 MB	64/128 MB	128/384 MB

ADVANCED SECURITY

Maximum VPN Tunnels Supported (with VPN Encryption AIM)	No	Up to 100	Up to 800
Network Admission Control (NAC) Support	No	Yes	Yes
URL Filtering Support	No	Yes, IOS-based	Yes, IOS-based
AES Encryption	No	Yes, sw	Yes, sw + hw
Intrusion Prevention System	No	Yes, enabled through IOS security images	Yes, enabled through IOS security images

MIGRATION PATHS FROM LEGACY PLATFORMS

Cisco 1600 Series	Cisco 1700 Series	Cisco 1800 Series	Solution Category
Cisco 1601-R	CISCO1721-VPN/K9	CISCO1841-SEC/K9 CISCO1841-HSEC/K9 CISCO1841-T1SEC/K9	Security
	CISCO1721-ADSL	CISCO1841-ADSL CISCO1841-ADSL-DG	Broadband
	CISCO1721-ADSLI	CISCO1841-ADSLI	Broadband
	CISCO1721-SHDSL	CISCO1841-SHDSL	Broadband
Cisco 1602-R	CISCO1721-VPN/K9	CISCO1841-SEC/K9 CISCO1841-HSEC/K9 CISCO1841-T1SEC/K9	Security
	CISCO1721-ADSL	CISCO1841-ADSL CISCO1841-ADSL-DG	Broadband
	CISCO1721-ADSLI	CISCO1841-ADSLI	Broadband
	CISCO1721-SHDSL	CISCO1841-SHDSL	Broadband
Cisco 1604-R	CISCO1721-VPN/K9	CISCO1841-SEC/K9 CISCO1841-HSEC/K9 CISCO1841-T1SEC/K9	Security
	CISCO1721-ADSL	CISCO1841-ADSL CISCO1841-ADSL-DG	Broadband
	CISCO1721-ADSLI	CISCO1841-ADSLI	Broadband
	CISCO1721-SHDSL	CISCO1841-SHDSL	Broadband
Cisco 1605-R	CISCO1721-VPN/K9	CISCO1841-SEC/K9 CISCO1841-HSEC/K9	Security
	CISCO1721-ADSL	CISCO1841-ADSL CISCO1841-ADSL-DG	Broadband
	CISCO1721-ADSLI	CISCO1841-ADSLI	Broadband
	CISCO1721-SHDSL	CISCO1841-SHDSL	Broadband
	CISCO1721 with WIC-1DSU-T1-V2	CISCO1841-T1 CISCO1841-T1SEC/K9	T1 Access

CISCO 1841 BUNDLED SOLUTIONS

SKU	Description	Solution Category
Cisco1841	Modular router w/ 2 FE, 2 WAN slots, IP BASE, 32 MB Flash, 128 MB DRAM	
Cisco1841-ADSL	1841 ADSLoPOTS bundle, IP Broadband, 32 MB Flash, 128 MB DRAM	Broadband
Cisco1841-ADSLI	1841 ADSLoPOTS bundle, IP Broadband, 32 MB Flash, 128 MB DRAM	Broadband
Cisco1841-ADSL-DG	1841 ADSLoPOTS bundle w/ dying gasp, IP Broadband, 32 MB Flash, 128 MB DRAM	Broadband
Cisco1841-SHDSL	1841 G.SHDSL 2-wire bundle, IP Broadband, 32 MB Flash, 128 MB DRAM	Broadband
CISCO1841-SEC/K9	1841 Security Bundle, Advanced Security, 64 MB Flash, 256 MB DRAM	Security
CISCO1841-HSEC/K9	1841 Security Bundle w/ AIM-VPN, Advanced IP Services, 64 MB Flash, 256 MB DRAM	Security
CISCO1841-T1	1841 w/ WIC-1DSU-T1-V2, IP BASE, 32 MB Flash, 128 MB DRAM	T-1 Access
CISCO1841-T1SEC/K9	1841 Security Bundle w/ WIC-1DSU-T1-V2, Advanced Security, 64 MB Flash, 256 MB DRAM	Security, T-1 Access



For more information

www.cisco.com/go/1800