



# CISCO 1800 SERIES (FIXED CONFIGURATION) MIGRATION QUICK LOOK

INTEGRATED SERVICES ROUTERS FOR SMALL OFFICES, TELEWORKERS, SMALL BUSINESSES



This new family of Integrated Services Routers supports broadband-speed delivery of secure data services over broadband connections including DSL, Cable, and Metro Ethernet. Optional 802.11 WLANs, an 8-port 10/100 Switch, and Power over Ethernet (PoE) make the Cisco 1800 Series Fixed Configuration Integrated Services Routers ideal for small offices.

## TOP 10 REASONS TO MIGRATE TO 1800 SERIES ROUTER

1. Increased Performance for Running Concurrent Services at Broadband Speed
2. 802.11a/b/g (simultaneous operation) WLAN Option with Dual Mode Replaceable Antennas
3. Eight-Port 10/100 Mbps Managed LAN Switch
4. Secondary WAN Ports Providing Back Up and Load Balancing
5. PoE Option for Connecting IP Phones or Access Points

## INCREASED PERFORMANCE AND EXPANDED FEATURES

Feature	Old SKUs		New SKUs	
	Cisco 1701	Cisco 1711/1712	Cisco 1801/1802/1803	Cisco 1811/1812
LAN Ports	1-Port 10 Mbps	4-Port 10/100 Managed Switch	8-Port 10/100 Managed Switch	8-Port 10/100 Managed Switch
DSL Technology	ADSL over POTS	External Modem	1801 – ADSL, 1802 – ADSL over ISDN, 1803 G.SHDSL	External Modem
Back-up WAN	ISDN BRI	Analog Modem – 1711, ISDN – 1712	ISDN BRI	10/100 Ethernet/ Analog Modem 1811, ISDN BRI 1812
Wireless Option	No	No	Yes – 802.11a/b/g	Yes – 802.11a/b/g
Ethernet WAN	10 Mbps	1 10/100 Mbps	1 10/100 Mbps	2 10/100 Mbps
USB Ports	No	No	No	Yes
Rack/Wall Mountable	No	No	Yes	Yes
PoE Option	No	No	Yes	Yes
Real Time Clock	No	No	Yes	Yes
FLASH Default/Max	32 MB/32 MB	32 MB/32 MB	32 MB/128 MB	32 MB/128 MB
DRAM Default/Max	96 MB/128 MB	96 MB/128 MB	128 MB/384 MB	128 MB/384 MB

## MIGRATION PATHS FROM LEGACY PLATFORMS

Models that bundle security features are designated with a „K9“ in the model SKU

Cisco 1700 Series SKUs	New Cisco 1800 Series Models SKUs	1800 Series Description
N/A	CISCO1801	ADSL over POTS router with 8-Port 10/100BASE-T Switch, ISDN S/T Backup, Cisco IOS® IP Broadband
CISCO1701/K9	CISCO1801/K9	ADSL over POTS router with 8-Port 10/100BASE-T Switch, ISDN S/T Backup, Cisco IOS Advanced IP Services
N/A	CISCO1802/K9	ADSL over ISDN router with 8-Port 10/100BASE-T Switch, ISDN S/T Backup, Cisco IOS Advanced IP Services
N/A	CISCO1803/K9	G.SHDSL router with 8-Port 10/100BASE-T Switch, ISDN S/T Backup, Cisco IOS Advanced IP Services
CISCO1701/K9	CISCO1801W-AG-E/K9	ADSL over POTS router with 8-Port 10/100BASE-T Switch, ISDN S/T Backup, Cisco IOS Advanced IP Services, 802.11/, b/g wireless functionality
N/A	CISCO1802W-AG-E/K9	ADSL over ISDN router with 8-Port 10/100BASE-T Switch, ISDN S/T Backup, Cisco IOS Advanced IP Services 802.11a/b/g wireless functionality
N/A	CISCO1803W-AG-E/K9	G.SHDSL router with 8-Port 10/100BASE-T Switch, ISDN S/T Backup, Cisco IOS Advanced IP Services, 802.11a/b/g wireless functionality
CISCO1711-VPN/K9	CISCO1811/K9	Security router with dual 10/100 WAN ports, 8-Port 10/100BASE-T Switch, V.92 Analog Modem Backup, Cisco IOS Advanced IP Services
CISCO1712-VPN/K9	CISCO1812/K9	Security router with dual 10/100 WAN ports, 8-Port 10/100BASE-T Switch, ISDN S/T Backup, Cisco IOS Advanced IP Services
CISCO1711-VPN/K9	CISCO1811W-AG-E/K9	Security router with dual 10/100 WAN ports, 8-Port 10/100BASE-T Switch, V.92 Analog Modem Backup, Cisco IOS Advanced IP Services 802.11a/b/g wireless functionality
CISCO1712-VPN/K9	CISCO1812 W-AG-E/K9	Security router with dual 10/100 WAN ports, 8-Port 10/100BASE-T Switch, ISDN S/T Backup, Cisco IOS Advanced IP Services, 802.11a/b/g wireless functionality

6. Increased Default and Max Memory with Removable Compact FLASH
7. Internal power supply and rack mountable
8. Dual USB 2.0 Ports on Cisco 1811/812 for Security Tokens
9. ADSL 2+ Ready and G.SHDSL 4-Wire Support on 1801/1802 and 1803
10. Integrated ISDN BRI on 1801/2/3, 1812, or Analog Modem 1811 Dial Backup or Out of Band Management

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