

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