RT-AC87U Specification

- Network Standard

  IEEE 802.11g, IEEE 802.11n, IEEE 802.11a, IPv4, IEEE 802.11ac, IPv6, IEEE 802.11b

- Product Segment

  AC2400 ultimate AC performance : 600+1734 Mbps

- Coverage

  Very large homes

- Data Rate

  802.11ac : up to 1734 Mbps
  802.11n : up to 450 Mbps
  802.11n TurboQAM : up to 600 Mbps

- Antenna

  External antenna x 4

- Transmit/Receive

  5 GHz 4 x 4
  MIMO technology
  3 x 3 2.4 GHz

- Memory

  128 MB Flash
  256 MB RAM

- Wi-Fi Technology

  Beamforming: standard-based and universal
  256QAM high data rate
  20/40/80 MHz bandwidth

- Operating Frequency

2.4 GHz / 5 GHz

- Encryption

  64-bit WEP, WPA-PSK, WPA2-Enterprise , WPA-Enterprise , WPS support, 128-bit WEP, WPA2-PSK

- Firewall & Access Control

  Firewall：SPI intrusion detection,DoS protection
  Access control：Parental control, Network service filter, URL filter, Port filter

- Management

  IGMP v1/v2/v3, DHCP, DNS Proxy, System Event Log, UPnP, DDNS, Port Trigger, NTP Client

- WAN Connection Type

  WAN Bridge support
  Multicast Rate Setting support
  Multicast Proxy support
  Dual Link support
  Internet connection type : L2TP, Static IP, Automatic IP, PPTP, PPPoE(MPPE supported)

- Ports

  USB 2.0 x 1
  USB 3.0 x 1
  RJ45 for 10/100/Gigabits/1000 BaseT for LAN x 4, RJ45 for Gigabits/100/1000/10 BaseT for WAN x 1

- Button

  WPS Button, LED on/off Button, Power Switch, Reset Button, Wireless on/off Button

- Features

  Printer Server
  - LPR protocol support
  - Multifunctional printer support (Windows only)
  Adaptive QoS
  Download Master
  - Support bt, nzb, http, ed2k
  - Download scheduling

- Upload and download bandwidth control
- Support encryption, DHT, PEX and magnet link

AiDisk file server
- Samba and FTP server with account management

Guest Network : 2.4 GHz x 3, 5 GHz x 3
3G/4G data sharing
AiProtection
Dual WAN
Enhanced media server (AiPlayer app compatible)
- Video : vob, mpg, wmv, asf, mpeg, avi, mov, ts, mkv, divx
- Image : Jpeg
- Audio : wma, mp4, ogg, pcm, lpcm, wav, mp3

AiCloud personal cloud service
VPN client : PPTP client, OpenVPN client, L2TP client
IPTV support
Parental Control
Traffic Analyzer
Roaming Assist
Mac OS Backup
VPN server : L2TP Pass-Through, PPTP Pass-Through, OpenVPN Server, IPSec Pass-Through, PPTP Server

- LED Indicator

  Power x 1
  WAN x 1
  WPS x 1
  Wi-Fi x 2
  LAN x 4

- Power Supply

  DC Output : 19 V with max. 2.37 A current
  AC Input : 110V~240V(50~60Hz)

- OS Support

  Windows® Server 2008
  Mac OS X 10.7
  Linux
  Mac OS X
  Windows® 8
  Windows® 7
  Mac OS X 10.1
  Mac OS X 10.4
  Windows® Vista

Mac OS X 10.6
Windows® XP
Windows® 10
Windows® 2000
Windows® Server 2003
Windows® 8.1
Mac OS X 10.5
Mac OS X 10.8
Linux Kernel (Support Ubuntu only)
Windows® ME

- Dimensions

  ~ mm 289.5 x 167.6 x 47.5 (WxDxH) (Without Bezel)

- Weight
- Package Content

  1 x RT-AC87U Wireless-AC2400 Dual Band Gigabit Router
  1 x RJ-45 cable
  1 x Power adapter
  1 x QSG
  1 x Support CD(user manual and utility)

- Operation mode

  Media bridge mode
  Wireless router mode
  Access point mode