



## Mobile Broadband USB Modem Compatibility Matrix (Cisco RV34xx Routers)

### Introduction

This document lists the Mobile Broadband USB modems that are supported on the RV34xx router.

#### Active Supported Models

Service Provider	Manufacturer	Dongle Model	Technology	Router Firmware Version	Dongle Firmware Version	Support Status
Verizon	Novatel	USB730L	4G LTE	1.0.03.20	3.41.1	Yes
	Huawei	E3372	4G LTE	1.0.03.20	21.200.07.00.805	Yes

#### Discontinued Supported Models

Service Provider	Manufacturer	Dongle Model	Technology	Router Firmware Version	Dongle Firmware Version	Support Status
Verizon	Novatel	USB620L	4G LTE	1.0.02.16	2.44.3	No, ISP discontinued support or sales
Verizon	Pantech	UML290	4G LTE	1.0.01.20	L0290VWBB 12F.248	No, ISP discontinued support or sales
AT&T	Netgear (Sierra Wireless)	AirCard 340U (AT&T Beam)	4G LTE	1.0.02.16	NTG9X15C_01.13.12.14 r18981	No, ISP discontinued support or sales
Sprint	Netgear (Sierra Wireless)	AirCard 341U	4G LTE	1.0.00.33	SWI9X15C_04.07.01.08 r16669	No, ISP discontinued support or sales
	Netgear (Sierra Wireless)	AC320U	4G LTE	1.0.02.16	SWI9200X_03.05.23.09 ap r5836	No, ISP discontinued support or sales
	Huawei	E8372	4G LTE	1.0.03.15	21.327.62.00.1460	No, ISP discontinued support or sales
	Huawei	E3276	4G LTE	1.0.02.16	21.260.05.02.314	No, ISP discontinued support or sales



Vodafone	Huawei	E172	3G	1.0.02.16	11.213.02.00.00	No, ISP discontinued support or sales
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### Important Notes

- Cisco will no longer support new USB modems/dongles for RV340/345/345P/345W models.
- Due to security compliance and vulnerability fixes, Cisco strongly recommends that customers upgrade to the latest official firmware version for safeguard, and obviate any older firmware version rollback.
- It will take an average wait time of up to 3 minutes from the USB modem initialization to successful dial-up/WAN IP address, depending on the different regional Service Providers.
- A USB modem is automatically discovered and configured when connected to the router. A custom configuration for network access can be added after the modem is detected.
- If the router is configured for Connection Failover, the USB modem will only attempt to connect after higher priority interfaces fail to connect.
- Some Internet Service Providers will assign private address 192.168.1.x/24 as the USB modem WAN IP address, which conflicts with router's default VLAN1 address. It is highly recommended to reassign a different network address on the router's VLAN1 interface to avoid an IP conflict.
- If not using Connection Failover, the USB modem will attempt to connect immediately.
- Use of the Mobile Broadband USB Modem is primarily meant for data services only. Voice quality over the mobile network cannot be guaranteed.

### USB Modem Initialization and Connection Status via the USB Light

During installation, USB light on the router indicates the progress of initialization of the USB modem. The behavior of the USB light is as follows:

- Off: When no 3G/4G USB dongle is connected or the USB dongle is not recognized.
- Solid green: When the 3G/4G USB dongle is recognized and currently connecting to the ISP network.
- Flashing green: When the 3G/4G USB dongle is successfully connected to the Internet Service Provider (ISP) and the port is receiving and sending data.
- Solid amber: When the USB dongle is recognized but fails to connect to the ISP.

## Related Information

<b>Support</b>	
Cisco Small Business Support and Resources	<a href="http://www.cisco.com/go/smallbizhelp">www.cisco.com/go/smallbizhelp</a>
Open Source Documentation	<a href="http://www.cisco.com/c/dam/en/us/td/docs/general/warranty/OpenSourceOffer_Small_Business_78-100785-01.pdf">http://www.cisco.com/c/dam/en/us/td/docs/general/warranty/OpenSourceOffer_Small_Business_78-100785-01.pdf</a>
<b>Product Documentation</b>	
Regulatory Compliance and Safety Information	<a href="http://www.cisco.com/en/US/docs/routers/csbr/RV340/RCSI/RV340_RCSI.pdf">http://www.cisco.com/en/US/docs/routers/csbr/RV340/RCSI/RV340_RCSI.pdf</a>
<b>Cisco Small Business</b>	
Cisco Partner Central for Small Business (Partner Login Required)	<a href="http://www.cisco.com/web/partners/sell/smb">www.cisco.com/web/partners/sell/smb</a>
Marketplace	<a href="http://www.cisco.com/go/marketplace">www.cisco.com/go/marketplace</a>

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