



12+6-30pin Molex Adaptor v2 Compatibility Guide






***** This is not an exhaustive list of 12+6 WiFi cards, it does not include cards that do not offer an upgrade to a 2012 MBP, or Mac Mini All of these cards have been tested by us and the list will be updated regularly *****

Compatibility

Model	Physical Modification	Notes
MacBook Pro		
17inch Unibody Macbook Pro Mid 2010-Late 2011 (A1297)	NO	<ul style="list-style-type: none"> A small modification to the hinge/cable retention bracket is needed if you want to use a wider BCM943602CDP/BCM94360CD
15inch Unibody Macbook Pro Mid 2010-Mid 2012 (A1286)	NO	<ul style="list-style-type: none"> A small modification to the hinge/cable retention bracket is needed if you want to use a wider BCM943602CDP/BCM94360CD
13inch UniBody Macbook Pro Early 2011-Mid 2012 (A1278)	YES	<ul style="list-style-type: none"> There is only room for the smaller form factor WiFi cards. You will need modification to the WiFi card Cage to retain the Hinge/cable retention bracket
MacBook		
13inch White Polycarbonate UniBody MacBook Late 2009-Mid 2010 (A1342)	YES	<ul style="list-style-type: none"> There is only room for the smaller form factor WiFi cards You will need to modify the WiFi card Cage/centre speaker and also to the rear vent
Mac Mini		
Unibody Mac Mini (Server) Mid 2010-Late 2012 (A1347)	OPTIONAL	<ul style="list-style-type: none"> There is only room for the smaller form factor WiFi cards. If you are using a BCM943602CS fit will greatly be improved by removing the factory speaker, or repositioning it.
Mac Mini (Server) Mid-Late 2009 (A1283)	NO	<ul style="list-style-type: none"> 3 or 2 Antenna cards only

*****If you are unsure of your model check the About This Mac, System Report from the Apple menu, you can also use EveryMac.com and the iFixit.com guides*****






MacBook Pro Physical Fit

	13inch MBP (A1278)	15inch MBP (A1286)	17inch MBP (A1297)
BCM94360CD 	NO	YES (no antenna adapters needed) Not suitable for machines with a 2 WiFi antenna design	YES (no antenna adapters needed) Not suitable for machines with a 2 WiFi antenna design
BCM94360CS 	YES but a tight fit (3x IPEX4 antenna adapters needed)	YES (3x IPEX4 antenna adapters needed) Machines with a 2 WiFi antenna design will have to use the BT antenna for WiFi antenna	YES (3x IPEX4 antenna adapters needed) Machines with a 2 WiFi antenna design will have to use the BT antenna for WiFi antenna
BCM94360CS2 	YES, Recommended (2x IPEX4 antenna adapters needed)	YES (2x IPEX4 antenna adapters needed)	YES (2x IPEX4 antenna adapters needed)
BCM943602CS 	YES but a tight fit (Best Performance) (3x IPEX4 antenna adapters needed)	YES, Recommended and Best Performance (3x IPEX4 antenna adapters needed) Machines with a 2 antenna design will have to use the BT antenna for a WiFi antenna	YES, Recommended and Best Performance (3x IPEX4 antenna adapters needed) Machines with a 2 antenna design will have to use the BT antenna for WiFi antenna
BCM943602CDP 	NO	YES, modification needed (no antenna adapters needed) (With physical modification to the WiFi card see here for instructions) Not suitable for machines with a 2 WiFi antenna design	YES, modification needed (no antenna adapters needed) (With physical modification to the WiFi card see here for instructions) Not suitable for machines with a 2 WiFi antenna design

Notes for machines with a 2 antenna WiFi design (mid 2010 A1286/A1297)

Some machines (mid 2010 A1286/A1297) shipped with a 2 Wifi antenna design, and a 3rd Antenna for BT. If you use a card with 3 antenna connectors you will need to use the BT antenna cable as a WiFi antenna. This will limit performance in some situations. Using a 4 antenna card will limit your WiFi speeds and is not recommended .






MacBook Physical Fit

13inch MacBook (A1342)	
BCM94360CD 	NO
BCM94360CS 	YES (3x IPEX4 antenna adapters needed) The A1342 has a 2 WiFi antenna design and will have to use the BT antenna for a WiFi antenna, this is not ideal and may affect performance
BCM94360CS2 	YES, Recommended (2x IPEX4 antenna adapters needed)
BCM943602CS 	YES (3x IPEX4 antenna adapters needed) The A1342 has a 2 WiFi antenna design and will have to use the BT antenna for a WiFi antenna, this is not ideal and may affect performance
BCM943602CDP 	NO

Notes for machines with a 2 antenna WiFi design (A1342)

The A1342 shipped with a 2 Wifi antenna design, and a 3rd Antenna for BT. If you use a card with 3 antenna connectors you will need to use the BT antenna cable as a WiFi antenna. This will limit performance in some situations. Using a 4 antenna card will limit your WiFi speeds and is not recommended .

Mac Mini Physical Fit

	Unibody (A1347)	Mac Mini (A1283)
BCM94360CD 	NO	NO
BCM94360CS 	YES but a tight fit (3x IPEX4 antenna adapters needed)	YES (3x IPEX4 antenna adapters needed) Machines with a 2 WiFi antenna design will have to use the BT antenna for WiFi antenna
BCM94360CS2 	YES, Recommended (2x IPEX4 antenna adapters needed)	YES (2x IPEX4 antenna adapters needed)
BCM943602CS 	YES but a tight fit (Best Performance) (3x IPEX4 antenna adapters needed)	YES, Recommended and Best Performance (3x IPEX4 antenna adapters needed) Machines with a 2 antenna design will have to use the BT antenna for a WiFi antenna
BCM943602CDP 	NO	NO

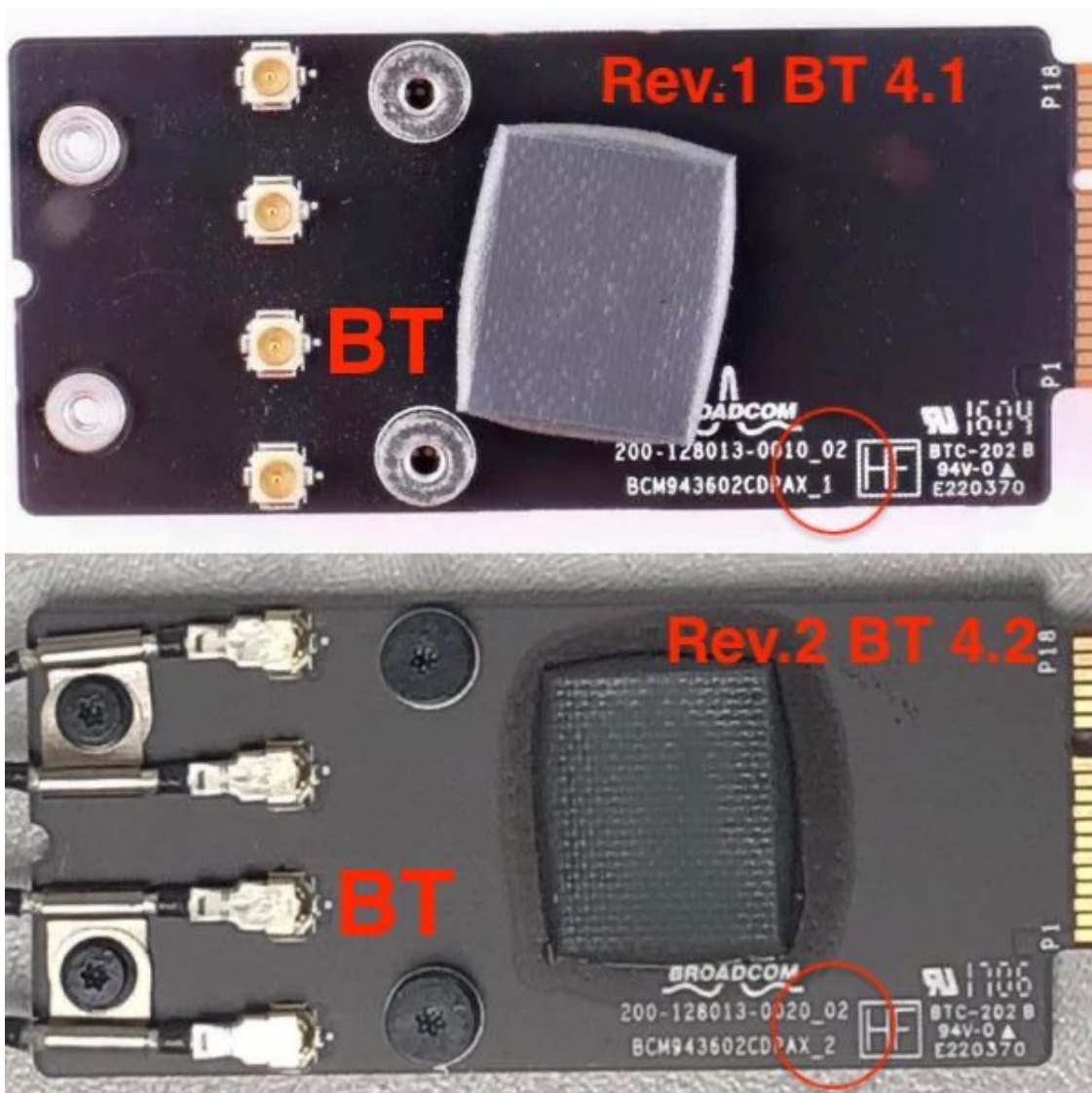
Notes for machines with a 2 antenna WiFi design (A1283)

The A1283 shipped with a 2 Wifi antenna design, and a 3rd Antenna for BT. If you use a card with 3 antenna connectors you will need to use the BT antenna cable as a WiFi antenna. This will limit performance in some situations. Using a 4 antenna card will limit your WiFi speeds and is not recommended

BT and Wifi Version, Continuity Features and Apple Watch Unlocking Support

	BT Version	WiFi Version	Continuity Features and Apple Watch Unlocking
BCM94360CD	4.0	2.4/5 GHz, 802.11a/b/g/n/ac, 3x3 3 Stream, 1300 Mbps	YES
BCM94360CS	4.0	2.4/5 GHz, 802.11a/b/g/n/ac, 3x3 3 Stream, 1300 Mbps	YES
BCM94360CS2	4.0	2.4/5 GHz, 802.11a/b/g/n/ac, 2x2 2 Stream, 867 Mbps	YES
BCM943602CS	4.2	2.4/5 GHz, 802.11a/b/g/n/ac, 3x3 3 Stream, 1300 Mbps	YES
BCM94360CDP	4.1 Rev1* 4.2 Rev2*	2.4/5 GHz, 802.11a/b/g/n/ac, 3x3 3 Stream, 1300 Mbps	YES

Maximum throughput is dependent on a number of factors and is not guaranteed



*** BCM94362CDP Rev1 Rev2 identification**

Change Log

v1.1 Initial release

v1.2 added BCM943602CDP

v2.0 Added Mid 2010 2 antenna design info

v2.1 Updated BCM943602CDP info

v2.2 Added Recommended Cards

v3.0 Added A1342

v4.0 Added Mac Mini