

macOS Compatible Wifi Cards

Device-ID (by Vendor)	macOS 13	macOS 12	macOS 11	macOS 10.15.7	macOS 10.14.6	macOS 10.13.6	macOS 10.12.6	OS X 10.11.6	OS X 10.10.5	OS X 10.9.5	OS X 10.8.5	OS X 10.7.5
Broadcom (14e4)												
14e4:43a0	AirPortBrcmNIC	AirPortBrcmNIC	AirPortBrcmNIC	AirPortBrcmNIC	AirPortBrcmNIC	AirPortBrcmNIC	AirPortBrcm4360	AirPortBrcm4360	AirPortBrcm4360	AirPortBrcm4360	AirPortBrcm4360	
14e4:43a3	AirPortBrcmNIC	AirPortBrcmNIC	AirPortBrcmNIC	AirPortBrcmNIC	AirPortBrcmNIC	AirPortBrcmNIC	AirPortBrcm4360	AirPortBrcm4360	AirPortBrcm4360			
14e4:43ba	AirPortBrcmNIC	AirPortBrcmNIC	AirPortBrcmNIC	AirPortBrcmNIC	AirPortBrcmNIC	AirPortBrcmNIC	AirPortBrcm4360	AirPortBrcm4360	AirPortBrcm4360			
14e4:43b1	AirPortBrcmNIC	AirPortBrcmNIC	AirPortBrcmNIC	AirPortBrcmNIC / AirPort4360	AirPortBrcmNIC / AirPort4360	AirPortBrcmNIC / AirPort4360	AirPortBrcm4360	AirPortBrcm4361	AirPortBrcm4362	AirPortBrcm4363	AirPortBrcm4364	
14e4:4353				AirPortBrcm4360	AirPortBrcmNIC / AirPort4360	AirPortBrcmNIC / AirPort4360	AirPortBrcmNIC / AirPort4360	AirPortBrcmNIC / AirPort4360	AirPortBrcmNIC / AirPort4360	AirPortBrcm4331	AirPortBrcm4331	AirPortBrcm4331
14e4:4331				AirPortBrcm4360	AirPortBrcmNIC / AirPort4360	AirPortBrcmNIC / AirPort4360	AirPortBrcmNIC / AirPort4360	AirPortBrcmNIC / AirPort4360	AirPortBrcmNIC / AirPort4360	AirPortBrcm4331	AirPortBrcm4331	AirPortBrcm4331
14e4:432b					AirPortBrcm4331	AirPortBrcm4331	AirPortBrcm4331	AirPortBrcm4331	AirPortBrcm4331	AirPortBrcm4331	AirPortBrcm4331	AirPortBrcm4331
106b:004e								AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224
14e4:4311								AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224
14e4:4312								AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224
14e4:4313								AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224
14e4:4318								AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224
14e4:4319								AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224
14e4:431a								AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224
14e4:4320								AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224
14e4:4324								AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224
14e4:4325								AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224
14e4:4328								AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224
14e4:432c								AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224
14e4:432d								AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224	AirPortBrcm43224
Atheros (168c)												
168c:0024						AirPortAtheros40	AirPortAtheros40	AirPortAtheros40	AirPortAtheros40	AirPortAtheros40	AirPortAtheros40	AirPortAtheros21
168c:0023						AirPortAtheros40	AirPortAtheros40	AirPortAtheros40	AirPortAtheros40	AirPortAtheros40	AirPortAtheros40	AirPortAtheros21
168c:001c						AirPortAtheros40	AirPortAtheros40	AirPortAtheros40	AirPortAtheros40	AirPortAtheros40	AirPortAtheros40	AirPortAtheros21
168c:0086						AirPortAtheros40	AirPortAtheros40	AirPortAtheros40	AirPortAtheros40	AirPortAtheros40	AirPortAtheros40	AirPortAtheros21
168c:002a						AirPortAtheros40	AirPortAtheros40	AirPortAtheros40	AirPortAtheros40	AirPortAtheros40	AirPortAtheros40	AirPortAtheros21
168c:0030						AirPortAtheros40	AirPortAtheros40	AirPortAtheros40	AirPortAtheros40	AirPortAtheros40	AirPortAtheros40	
Intel (8086)												
DVM (iWN)												
8086:4229	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	itlwm	itlwm	itlwm	itlwm		
8086:422b	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	itlwm	itlwm	itlwm	itlwm		
8086:422c	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	itlwm	itlwm	itlwm	itlwm		
8086:4230	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	itlwm	itlwm	itlwm	itlwm		
8086:4232	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	itlwm	itlwm	itlwm	itlwm		
8086:4235	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	itlwm	itlwm	itlwm	itlwm		
8086:4236	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	itlwm	itlwm	itlwm	itlwm		
8086:4237	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	itlwm	itlwm	itlwm	itlwm		
8086:4238	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	itlwm	itlwm	itlwm	itlwm		
8086:4239	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	itlwm	itlwm	itlwm	itlwm		
8086:423a	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	itlwm	itlwm	itlwm	itlwm		
8086:423b	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	itlwm	itlwm	itlwm	itlwm		
8086:423c	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	itlwm	itlwm	itlwm	itlwm		
8086:423d	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	itlwm	itlwm	itlwm	itlwm		
8086:0082	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	itlwm	itlwm	itlwm	itlwm		
8086:0083	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	itlwm	itlwm	itlwm	itlwm		
8086:0084	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	itlwm	itlwm	itlwm	itlwm		
8086:0085	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	itlwm	itlwm	itlwm	itlwm		
8086:0087	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	itlwm	itlwm	itlwm	itlwm		

8086:2723	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	itlwm	itlwm	itlwm	itlwm		
8086:2725	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	itlwm	itlwm	itlwm	itlwm		
8086:2726	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	itlwm	itlwm	itlwm	itlwm		
8086:7A70	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	itlwm	itlwm	itlwm	itlwm		
8086:7AF0	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	AirportItlwm / itlwm	itlwm	itlwm	itlwm	itlwm		
MVM Gen 3 (IWX)													
Wireless-AC 9560 160MHz													
Wi-Fi 6 AX210 160MHz													

LEGEND

RED = Unsupported

GREEN = Working with mentioned Kext(s) (use either or)

ORANGE = Experimental Support. Use *either* AirportItlwm or Itlwm

YELLOW = Requires itlwm

The intersection between the device-id and the macOS version lists required kext(s) for the corresponding Card (if supported)