

# EPSON Product Support Bulletin

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| Product(s): | PowerLite 1725 and 1735W Projectors                                    |                |     |
| Subject:    | Evaluation Results of Compatibility Test for Quick Wireless Connection |                |     |

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This bulletin was created to provide information about the test criteria and compatibility results conducted on the **Quick Wireless Connection (QWC)** function.

## Projector models and firmware versions used in the evaluation:

| <u>Models</u>             | <u>PowerLite 1725 and 1735W Projectors</u> |
|---------------------------|--|
| <b>Firmware Types</b>     | <b>Version</b>                             |
| PW firmware version       | 1.00                                       |
| IM-X firmware version     | 1.10                                       |
| Quick Wireless Connection | 1.00                                       |

## Test Conditions:

- (1) Establish wireless communication between PC and an access point.
- (2) Insert the USB key into the PC to start the **QWC** function, while connecting to the access point (Infrastructure mode).

## Connection Confirmation:

- Confirm that the **QWC** function can find and connect to the projectors using 802.11b/g signal. Confirm that **QWC** works with **802.11b/g signal**.
- Confirm that the **QWC** function can find and connect to the projectors using 802.11a signal. Confirm that **QWC** works with **802.11a signal**.
- Confirm that the **QWC** function will not make the Operating System unstable, when the operation is changed to sleep mode (standby mode) and then restarted from sleep mode (standby mode).

## Compatibility Matrix: Notebook PC with built-in wireless LAN Adapter

| Manufacturer | Model                 | Wireless Adapter  | Wireless Spec                                    | Operating System   | Results |
|--------------|-----------------------|---|--|--------------------|---------|
| SONY         | VGN-G1KBN             | Marvell Yukon 88E8055 PCI-E Gigabit Ethernet Controller                     | 802.11a<br>802.11b<br>802.11g                    | Vista Business     | Pass    |
| NEC          | PC-LL770CD            | ALPS ALPJ1-7 Mini PCI   | 802.11b<br>802.11g                               | XP Home SP2        | Pass    |
| NEC          | LaVie J LJ500/3E      | AMBIT Microsystems Corp. T60H424 (Intersil ISL3874AIK)                      | 802.11b  | XP Pro SP1         | Pass    |
| Toshiba      | Dynabook TX/68D       | AR5006EG 802.11b/g Wireless PCI Express Adapter                             | 802.11b<br>802.11g                               | Vista Home Premium | Fail    |
| Sharp        | Mebius CW PC-CW50V    | Atheros AR5006EG  | 802.11b<br>802.11g                               | Vista Home Premium | Pass    |
| SOTEC        | WinBook WH5514P       | Atheros Ar5006EXS   | 802.11a<br>802.11b<br>802.11g                    | Vista Home Premium | Pass    |
| HITACHI      | Prius Note PN34K5T    | Atheros AR5006FG Wireless Network Adapter                                   | 802.11b<br>802.11g                               | Vista Home Basic   | Pass    |
| SONY         | PCG-TR1/B             | Atheros Communications 802.11a/b/g AR5212 MINI PCI Wireless network adapter | 802.11a<br>802.11b                               | XP Home SP1        | Pass    |
| HP           | HP Pavilion dv2705/CT | Broadcom BCM4310 USB Controller   | 802.11a<br>802.11b<br>802.11g                    | Vista Home Basic   | Fail    |
| HP           | dv2605/CT             | Broadcom BCM4312  | 802.11a<br>802.11b<br>802.11g<br>802.11n (draft) | Vista Home Premium | Pass    |
| HP           | Compaq nx4800/CT      | Broadcom BCM94306MPLNA (BROADCOM BCM4306KFB)                                | 802.11b<br>802.11g                               | XP Pro SP2         | Pass    |
| NEC          | LaVie J PC-LJ750LH    | Intel 4965ABG   | 802.11a<br>802.11b<br>802.11g<br>802.11n (draft) | Vista Home Premium | Pass    |
| SONY         | VGN-S53B/S            | Intel PRO / Wireless 2200BG   | 802.11b<br>802.11g                               | XP Home SP2        | Pass    |
| Toshiba      | DynaBook V9/W14LDEW   | Intel PRO/ Wireless LAN 2100 3B Mini PCI Adapter                            | 802.11b  | XP Home SP1        | Pass    |

| <b>Manufacturer</b> | <b>Model</b>         | <b>Wireless Adapter</b>                        | <b>Wireless Spec</b>          | <b>Operating System</b> | <b>Results</b> |
|---------------------|----------------------|--|-------------------------------|-------------------------|----------------|
| FUJITSU             | FMVNX70L/W           | Intel PRO/Wireless 2915ABG                     | 802.11a<br>802.11b<br>802.11g | XP Home SP2             | <b>Fail</b>    |
| Panasonic           | CF-T7BW5AJR          | INTEL PRO/Wireless 4965 AG or AGN Network      | 802.11a<br>802.11b<br>802.11g | Vista Business          | Pass           |
| SONY                | PCG-TR2/B            | LAN-Express AS IEEE 802.11a/g mini PCI Adapter | 802.11a<br>802.11b<br>802.11g | XP Home SP1             | Pass           |
| SONY                | PCG-R505VM/K         | LAN-Express IEEE 802.11 PCI                    | 802.11b                       | W2k SP3                 | Pass           |
| Sharp               | PC-MM50G             | LAN-Express PSM MiniPCI (Intersil)             | 802.11b<br>802.11g            | XP Home SP2             | Pass           |
| SONY                | PCG-SRX3S/BD         | ORiNOCO Wireless LAN Mini PCI                  | 802.11b                       | XP Home                 | Pass           |
| Gateway             | MT3303j              | Realtek RTL8185 IEEE 802.11ab/g                | 802.11g                       | Vista Home Premium      | <b>Fail</b>    |
| Gateway             | Gateway T1409j       | Realtek RTL8187B                               | 802.11g                       | Vista Home Premium      | Pass           |
| SONY                | PCG-R505X/PD         | TI PCI-1410                                    | 802.11b                       | XP PRO                  | Pass           |
| NEC                 | LaVie L PC-LL570/HG  | UGJZ1-9 11a/b/g MiniPCI Network Adapter        | 802.11a<br>802.11b<br>802.11g | Vista Home Premium      | Pass           |
| SONY                | VGN-U70P             | Sony 802.11g Wireless LAN Module               | 802.11b<br>802.11g            | XP Pro SP1              | Pass           |
| SONY                | PCG-V505S/PB         | LAN-Express IEEE 802.11 PCI Adapter            | 802.11b<br>802.11g            | XP Pro SP1              | Pass           |
| Toshiba             | Satellite A25-S279   | Atheros AR5001X+ Wireless Network Adapter      | 802.11g                       | XP Home SP1             | Pass           |
| Sharp               | Mebius PC-AE50M      | Atheros AR5005G                                | 802.11b<br>802.11g            | XP Home SP2             | Pass           |
| FUJITSU             | FMV-BIBLO MG50S      | Atheros AR5006EX Wireless                      | 802.11a<br>802.11b<br>802.11g | XP Home SP2             | Pass           |
| NEC                 | LaVie L PC-LL570/GD  | Atheros AR5006X Wireless                       | 802.11a<br>802.11b<br>802.11g | XP Home SP2             | Pass           |
| Toshiba             | Dynabook TX/66E      | Atheros AR5007EG Wireless Network Adapter      | 802.11b<br>802.11g            | Vista Home Premium      | <b>Fail</b>    |
| Sharp               | Mebius Note PC-WE40S | Athros AR5006EG                                | 802.11b<br>802.11g            | Vista Home Basic        | Pass           |
| COMPAQ              | Presario V6000Z      | Broadcom 4321AG 802.11a/b/g/draft-n WiFi       | 802.11b<br>802.11g            | Vista Home Basic        | Pass           |

| <b>Manufacturer</b> | <b>Model</b>           | <b>Wireless Adapter</b>                             | <b>Wireless Spec</b>                             | <b>Operating System</b> | <b>Results</b> |
|---------------------|------------------------|---|--|-------------------------|----------------|
| Acer                | Ferrari 1005WTMi       | Broadcom 802.11n Network Adapter                    | 802.11a<br>802.11b<br>802.11g                    | XP Pro SP2              | Pass           |
| HP Compaq           | Pavilion zv5000 nx6125 | Broadcom BCM4301 802.11b Broadcom 802.11b/g WLAN    | 802.11b  | XP Home SP1a SP2        | Pass           |
| HITACHI             | PriusGear 150H         | Broadcom BCM4306 802.11b/g Wireless Network Adapter | 802.11b<br>802.11g                               | XP Home SP1a            | Pass           |
| HP                  | Pavilion dv6225us      | Broadcom BCM4311 802.11b/g WLAN                     | 802.11b<br>802.11g                               | Vista Home Premium      | Pass           |
| Acer                | Ferrari 4005 WLMi      | Broadcom BCM4318 802.11g Network Adapter            | 802.11b<br>802.11g                               | XP Home SP2             | Pass           |
| COMPAQ              | Evo N620c              | Compaq WLAN MultiPort W200                          | 802.11b  | XP Pro SP1              | Pass           |
| Dell                | Inspiron E1705         | Dell Wireless 1390 WLAN Mini-Card                   | 802.11g  | Vista Home Premium      | Pass           |
| Sharp               | Actius UM32W           | Haris/Intersil PRISM 2.5 Wireless 802.11b           | 802.11b  | XP Pro SP1              | <b>Fail</b>    |
| FUJITSU             | FMV-BIBLO NF40U/V      | Inetl PRO/Wireless 3945ABG                          | 802.11a<br>802.11b<br>802.11g                    | Vista Home Basic        | Pass           |
| Panasonic           | Let's note CF-T5MW4AJR | Intel PRO/Wireless 3945ABG                          | 802.11a<br>802.11b<br>802.11g                    | Vista Business          | Pass           |
| Dell                | Inspiron 600M          | Intel PRO/Wireless LAN 2100 3A Mini PCI             | 802.11a<br>802.11b<br>802.11g                    | XP Home SP1             | Pass           |
| SONY                | VGN-SZ750N/C           | Intel Wireless WiFi Link 4965AGN                    | 802.11a<br>802.11b<br>802.11g<br>802.11n (draft) | Vista Business SP1      | <b>Fail</b>    |
| HP                  | Pavilion dv2500t       | Intel Wireless WiFi Link 4965AGN                    | 802.11a<br>802.11b<br>802.11g<br>802.11n (draft) | Vista Ultimate x64      | <b>Fail</b>    |
| FUJITSU             | FMV-BIBLO NB16B/M      | Intersil PRISM Wireless LAN PCI Card                | 802.11b  | XP HOME                 | Pass           |

| <b>Manufacturer</b> | <b>Model</b> | <b>Wireless Adapter</b>                        | <b>Wireless Spec</b>          | <b>Operating System</b> | <b>Results</b> |
|---------------------|--------------|--|-------------------------------|-------------------------|----------------|
| Gateway             | M305CRV      | Realtek RTL8180 Wireless LAN (Mini-)PCI NIC    | 802.11b                       | XP Home SP1a            | Pass           |
| Gateway             | MT6452       | Realtek RTL8187 Wireless 802.11g 54Mbps USB2.0 | 802.11g                       | Vista Home Premium      | Pass           |
| NEC                 | LS500AD      | UGJZ1 11a/b/g Mini PCI                         | 802.11a<br>802.11b<br>802.11g | XP Pro SP2              | <b>Fail</b>    |

| <b>External Wireless LAN Adapter Manufacturer</b> | <b>Model</b>                         | <b>Wireless Adapter Type</b> | <b>Wireless Spec</b>          | <b>Results</b> |
|---|--------------------------------------|------------------------------|-------------------------------|----------------|
| Planex  | GW-CF11H                             | Compact Flash                | 802.11b<br>802.11g            | Pass           |
| Corega  | CG-WLPCCB11                          | PCMCIA                       | 802.11b<br>802.11g            | <b>Fail</b>    |
| Elecom  | LD-WL11/PCCS                         | PCMCIA                       | 802.11b<br>802.11g            | Pass           |
| I-O DATA  | WN-B11/PCMH                          | PCMCIA                       | 802.11b<br>802.11g            | Pass           |
| PCi   | GW-NS11H                             | PCMCIA                       | 802.11b<br>802.11g            | Pass           |
| D-Link  | DWA-643                              | Express Card                 | 802.11b<br>802.11g            | Pass           |
| 3COM Corp.  | 3CRWE737A                            | PCMCIA                       | 802.11b<br>802.11g            | Pass           |
| Agere   | ORiNOCO Gold                         | PCMCIA                       | 802.11b<br>802.11g            | Pass           |
| ASUS  | WL-100g                              | PCMCIA                       | 802.11b<br>802.11g            | Pass           |
| Belkin  | F5D8010                              | PCMCIA                       | 802.11b<br>802.11g            | Pass           |
| Buffalo   | WLI-PCM-L11G                         | PCMCIA                       | 802.11b<br>802.11g            | Pass           |
| Cisco   | CISCO AIR-PCM350 Series (AIR-PCM352) | PCMCIA                       | 802.11b<br>802.11g            | <b>Fail</b>    |
| Cisco   | AIR-CB21AG-J-K9                      | PCMCIA                       | 802.11b<br>802.11g<br>802.11a | <b>Fail</b>    |
| D-Link  | DWL-G650                             | PCMCIA                       | 802.11b<br>802.11g            | <b>Fail</b>    |

| <b>External Wireless LAN Adapter Manufacturer</b> | <b>Model</b>  | <b>Wireless Adapter Type</b> | <b>Wireless Spec</b>          | <b>Results</b> |
|---|---|------------------------------|-------------------------------|----------------|
| Intel   | WPC2011   | PCMCIA                       | 802.11b<br>802.11g            | Pass           |
| Linksys   | WPC55AG   | PCMCIA                       | 802.11b<br>802.11g<br>802.11a | Pass           |
| Magicstor   | ORiNOCO Sliver  | PCMCIA                       | 802.11b<br>802.11g<br>802.11a | Pass           |
| Netgear   | WPN511  | PCMCIA                       | 802.11b<br>802.11g            | Pass           |
| NTT-ME  | SSLAN Card 11HQ<br>Wireless LAN PC<br>Card            | PCMCIA                       | 802.11b<br>802.11g            | <b>Fail</b>    |
| PCi   | PLANEX CQW-<br>NS108AG                                | PCMCIA                       | 802.11b<br>802.11g<br>802.11a | Pass           |
| Proxim  | ORiNOCO 11a/b/g<br>ComboCard Gold -<br>Japan 8480-JP  | PCMCIA                       | 802.11b<br>802.11g<br>802.11a | Pass           |
| Sony  | PCWA-C700   | PCMCIA                       | 802.11b<br>802.11g<br>802.11a | <b>Fail</b>    |
| Sony  | PCWA-C800S  | PCMCIA                       | 802.11b<br>802.11g<br>802.11a | Pass           |
| Toshiba   | IPC5038A Wireless<br>LAN PC Card                      | PCMCIA                       | 802.11b<br>802.11g            | Pass           |
| Buffalo   | WLI-USB-KS11G   | USB 1.1                      | 802.11b<br>802.11g            | Pass           |
| Intel   | WUD2011B  | USB 1.1                      | 802.11b<br>802.11g            | Pass           |
| 3COM Corp.  | 3CRWE254G72   | USB 2.0                      | 802.11b<br>802.11g            | Pass           |
| D-Link  | DWL-G120  | USB 2.0                      | 802.11b<br>802.11g            | Pass           |
| Linksys   | WUSB54G   | USB 2.0                      | 802.11b<br>802.11g            | Pass           |
| U.S.Robotics                                      | U.S. Robotics 802.11g<br>Wireless USB Adapter<br>5420 | USB 2.0                      | 802.11b<br>802.11g            | Pass           |