whitepaper

hp

Introduction

There have been some questions from customers about the compatibility of printers and the HP Jetdirect External Print Server Products. This white paper addresses those questions and provides a list of supported printers with the USB External Print Servers that are currently on the Corporate Price List (CPL).

Over the years, many things have changed regarding external print servers and printers they connect to. In the past, an external print server was the only way to place these printers on a network. In contrast, many printers today come with their own embedded networking and the USB port is used almost exclusively for direct connection to PCs. As a result, some printers have implemented cost effective USB modes that are very difficult for an external print server to support on the network.

Current Support Strategy

HP currently has four external USB products on the CPL:

J6035G 175X 10/100TX USB 1.1 External Print Server
J7988G en1700 10/100TX USB 2.0 External Print Server
J7951G ew2400 10/100TX & 802.11b/g USB 2.0 External Print Server
J7942G en3700 10/100TX USB 2.0 External Print server

In 2008, the J6035G 175X print server will be discontinued. This print server has been popular, but is not upgradeable and it does not support Hi-Speed USB. The 175x supports

USB 1.1 and USB 1.1 does not include Hi-Speed. USB 2.0 added Hi-Speed and is fully backward compatible with USB 1.1 in Full-Speed. As a result, some of the newer USB printers cannot be supported. Its eventual replacement is currently available as the en1700, an upgradeable solution that supports Hi-Speed USB and also supports IPv6. The ew2400 and the en3700 which are USB 2.0 Hi-Speed will remain on the CPL for a while as they are respectively HP's wireless external print server and HP's full featured external print server.

Scanning on AIO and MFP's

The HP Jetdirect External print servers do not support scanning on Laserjet MFP's. They are currently a print only solution. The 175x, ew2400, and en3700 supported scanning through the embedded web server for the Laserjet AIO's and Officejet Pro's. Many devices have their own networking scanning software and no longer rely on HP JetDirects web scan capability and in many cases no longer support it. As a result, the web scanning capability has been removed from the en1700.

Supported Printer lists

Due to various product limitations, not all USB external print servers support the same set of printers. In this section, we will break down the supported printers for each HP USB Jetdirect print server. As always, be sure your firmware on both the printer and print server is at the latest available version.

HP Jetdirect en1700

Supported with these USB network-capable HP printers, AIO's, and MFP's:

HP Business Inkjet 2300, 2600, 2800, and 3000;
HP Color LaserJet CP3505, CP4005, 2500, 2550, 2600, 2605, 2700, 3000, 3600, 3700, 3800, 4610, 4650, 4700, 5550, 2820mfp, and 2840mfp;
HP Designjet Z2100, Z3100, 30, 70, 90, 110+, 130, 500, 800, and 820mfp;
HP Deskjet 5550, 5650, 6940, 6980, and 9800 series;
HP LaserJet P2014, P2015, P3005, 1010, 1012, 1015, 1022, 1160, 1200, 1300, 1320, 2200, 2300, 2410, 2420, 2430, 3015, 3020, 3030, 3052, 3055, 3300, 3380, 3390, 3392, 4240, 4250, 4350, and 5200 series;
HP Officejet Pro K550, K850, K5300, and K5400

Print and Windows based scanning:

HP Color LaserJet CM1015mfp and CM1017mfp

Print only:

HP Color LaserJet CM4730mfp, 4730mfp;
HP LaserJet M3027mfp, M3035mfp, M4345mfp, M5025mfp, M5035mfp, 3050, and 3050z;
HP Officejet L7300, 7500, L7600, L7700, 6200, and 9100 series

HP Jetdirect en3700

Supported with these USB network-capable HP printers:

HP Business Inkjet 1000, 1100, 1200, 2280, 2300, 2600, 2800, 3000;
HP Color Inkjet cp1160 and cp1700;
HP Color LaserJet CP3505, CP4005, 1500, 2500, 2550, 2605, 2700, 3000, 3500, 3550, 3600, 3700, 3800, 4610, 4650, 4700, 5550 series;
HP Designjet 30, 70, 90, 110+, 130, 500, 800, and 820mfp;
HP Deskjet 1180c, 1220c, 1280, 5150, 5550, 5650, 6122, 9300c, 9600c, 9650, 9670, 9680, and 9800 series;
HP LaserJet P2014, P2015, P3005, 1015, 1022, 1150, 1160, 1200, 1300, 2200, 2300, 2410, 2420, 2430, 3015, 3020, 3030, 3052, 3055, 3200, 3300, 3380, 3390, 3392, 4240, 4250, 4350, and 5200 series;
HP Officejet D, G series, K80/K80xi, and 9100 series;
HP Officejet Pro K550, K850, K5300, K5400, L7300, L7500, L7600, and L7700

Also works with these USB network-capable HP printers:

HP Color LaserJet CM1015/1017mfp*, CM4730mfp*, 4730mfp*, 9500mfp*;
HP Deskjet 895 Cse/Cxi;
HP LaserJet M3027mfp*, M3035mfp*, M4345mfp*, M5025mfp*, M5035mfp*, 3050*;
HP Officejet 6100 series*;
HP Photosmart 1100, 1200, 1300, 7000**, and 8000 series;
HP PSC 2110*, 2210*, 2400*, 7350, and 7550 All-in-One

*   printing only; no webscan
** except HP Photosmart 7200 series

HP Jetdirect ew2400

Supported with these USB network-capable HP printers:

HP Business Inkjet 1000, 1100, 1200, 2280, 2300, 2600, 2800, 3000;
HP Color Inkjet cp1160 and cp1700;
HP Color LaserJet CP3505, CP4005, 1500, 2500, 2550, 2605, 2700, 3000, 3500, 3550, 3600, 3700, 3800, 4610, 4650, 4700, 5550 series;
HP Designjet 30, 70, 90, 110+, 130, 500, 800, and 820mfp;
HP Deskjet 1180c, 1220c, 1280, 5150, 5550, 5650, 6122, 9300c, 9600c, 9650, 9670, 9680, and 9800 series;
HP LaserJet P2014, P2015, P3005, 1015, 1022, 1150, 1160, 1200, 1300, 2200, 2300, 2410, 2420, 2430, 3015, 3020, 3030, 3052, 3055, 3200, 3300, 3380, 3390, 3392, 4240, 4250, 4350, and 5200 series;
HP Officejet D, G series, K80/K80xi, and 9100 series;
HP Officejet Pro K550, K850, K5300, K5400, L7300, L7500, L7600, and L7700

Also works with these USB network-capable HP printers:

HP Color LaserJet CM1015/1017mfp*, CM4730mfp*, 4730mfp*, 9500mfp*;
HP Deskjet 895 Cse/Cxi;
HP LaserJet M3027mfp*, M3035mfp*, M4345mfp*, M5025mfp*, M5035mfp*, 3050*;
HP Officejet 6100 series*;
HP Photosmart 1100, 1200, 1300, 7000**, and 8000 series;
HP PSC 2110*, 2210*, 2400*, 7350, and 7550 All-in-One;
HP CM 8060 Color MFP with Edgeline Technology*

*   printing only; no webscan
** except HP Photosmart 7200 series

HP Jetdirect 175x

Supported with these USB network-capable HP peripherals:

HP Business Inkjet 1000, 1100, 1200, 2280, 2300, 2600, 2800, 3000;
HP Color Inkjet cp1160 and cp1700;
HP Color LaserJet CP4005, 1500, 2500, 2550, 3000, 3500, 3550, 3600, 3700, 3800, 4610, 4650, 4700, and 5550 series;
HP Designjet 30, 70, 90, 110+, 130, 500, and 800;
HP Deskjet 1180c, 1220c, 1280, 5150, 5550, 5650, 6122, 9300c, 9600c, 9650, 9670, 9680, and 9800 series;
HP LaserJet 1015, 1022, 1150, 1160, 1200, 1300, 2200, 2300, 2410, 2420, 2430, 3015, 3020, 3030, 3200, 3300, 3380, 4240, 4250, 4350, and 5200 series;
HP Officejet D, G series, K80/K80xi, and 9100 series;
HP Officejet Pro K550, K850, K5300, K5400, L7300, L7500, L7600, and L7700

Also works with these USB network-capable HP peripherals:

HP Color LaserJet 4730mfp*, 9500mfp*;
HP Deskjet 895 Cse/Cxi;
HP LaserJet M3027mfp*, M3035mfp*, M4345mfp*, M5025mfp*, M5035mfp*, 3050*, 3052*, 3055*, 3390*, 3392*;
HP Officejet 6100 series*;
HP Photosmart 1100, 1200, 1300, 7000**, and 8000 series;
HP PSC 7350 and 7550 All-in-One

*   printing only; no webscan
**   except HP Photosmart 7200 series printers