

HP LaserJet printers and MFPs vs. Dell



Dell printer Comparable HP Significant differences between these devices

Dell 1320c \$299 • 12 color/16 black ppm	HP Color LaserJet CP1215 \$299 • 8 color/12 black ppm	<ul style="list-style-type: none"> The Dell can experience color plane registration problems, which can require manual color plane calibration. The HP is designed to provide print-shop quality color with auto calibration. The Dell 1320c consumes almost 2x power – 67 kWh vs. 38 kWh annual TEC for HP. The Dell has a 2-part image system, and requires image unit removal to clean separator rollers.
Dell 3110cn \$549 • 17 color/31 black ppm	HP Color LaserJet 3600n \$499 • 17 color/17 black ppm	<ul style="list-style-type: none"> Color plane registration – The Dell printer has a manual process for color plane registration which may be confusing and time-consuming. With HP Color LaserJets this is automatic. Wait less for output with HP – HP has a first-page-out time from powersave mode of 15.5 seconds vs. 35 for Dell. Also, HP prints 43% faster than Dell in Best PQ mode across 21 files. In Best PQ mode, the Dell 3110cn engine slows to half-speed.
Dell 5110cn \$1,349 • 35 color/40 black ppm	HP Color LaserJet CP4005n & 4700n \$1,099 • 25 color /30 black \$1,349 • 31 color/31 black ppm	<ul style="list-style-type: none"> Wait less for output with HP – HP's first-page-out from powersave is 16 sec vs 51 sec for Dell. Also, HP prints a suite of 21 files in Best PQ mode in less than ½ the time (10.1 min vs 25.5). Replace fewer parts beyond toner with HP – the Dell printer uses a separate imaging unit and transfer kit that have to be replaced every 35,000 color pages in addition to toner cartridges. Better PQ with HP – the Dell printer uses an imaging system that requires 3 transfers of toner to get to paper. HP transfers in a single step leading to improved registration and sharpness.
Dell 1110 \$119 • 17 ppm	HP LaserJet P1006 \$179 • 17 ppm	<ul style="list-style-type: none"> Wait less with HP – The Dell 1110 takes 30 sec. to warm-up and print from Powersave vs. 9 sec. for HP, which means the HP printer models can print about 7 pages from Powersave before the Dell prints its first page from Powersave. Energy efficient – The HP consumes 47% less power – 39 kWh annual TEC vs. 73 kWh for Dell
Dell 1720 \$199 • 30 ppm	HP LaserJet P2015 \$349 • 27 ppm	<ul style="list-style-type: none"> Reduce complexity with HP – Unlike HP's integrated, easy-to-replace toner cartridges, Dell's more complex, 2-piece toner system can confuse users, who may damage its unprotected imaging drum and degrade print quality when changing toner. Spend less time reloading – the Dell printer uses a single-sheet multi-purpose feeder, requiring valuable time manually loading each sheet of media. With HP, load 50 sheets and walk away.
Dell 5310n \$1,199 • 50 ppm	HP LaserJet P4015n \$1,349 • 52 ppm	<ul style="list-style-type: none"> Wait less for output with HP – HP's first-page-out time from powersave is 12 sec. vs. 33 sec. for Dell, so the HP P4015 can print up to 19 pages from Powersave before the Dell completes one. Energy efficient – The HP P4015n consumes up to 39% less power annually than the Dell – 357 kWh annual TEC for Dell vs. 216 kWh annual TEC for HP. 10-key pad – The P4015 has a 10-key pad on the control panel which simplifies PIN printing. The Dell offers no universal print driver and firmware must be upgraded one device at a time in contrast with the HP Universal Print Driver and multiple device firmware upgrades using WJA.
Dell 5210n \$999 • 40 ppm	HP LaserJet P4014n \$799 • 45 ppm	
Dell 3115cn MFP \$899 • 17 color/31 black ppm	HP Color LaserJet 2840 AIO \$899 • 4 color/ 20 black ppm	<ul style="list-style-type: none"> Copying is easier with HP! – With the Dell, users must perform 6 steps through the control panel just to make a monochrome copy, vs. the HP 2840AIO's one-touch button! Faxing is easier with HP! – With the Dell, users must perform 7 steps through the control panel to send a speed-dial fax, vs. 2 steps with HP's dedicated buttons: Speed-dial, Start Fax. Color plane registration – The Dell printer has a manual process for color plane registration which may be confusing and time-consuming. With HP Color LaserJets this is automatic.
Dell 1815dn \$499 • 27 ppm	HP LaserJet M2727nf MFP \$599 • 27 ppm	<ul style="list-style-type: none"> Wait less for output with HP – HP's first-page-out time from powersave is 13 sec. vs. 35 sec. for Dell, so the HP can print/copy up to 10 pages from Powersave before the Dell can print its first. Speed-dial buttons – The Dell device has no dedicated speed-dial buttons vs. 16 for HP. The HP consumes up to 35% less energy – 198 kWh for Dell vs. 128 kWh for HP (annual TEC).

Other important issues to consider when comparing Dell and HP printers

- Minimize IT headaches with HP – Dell mono, color and mono AiO devices have three different networking implementations and each supports different network protocols and different management capabilities.