

# HP LaserJet printers vs. Dell



## Dell printer

## Comparable HP

## Significant differences between these devices

Dell 3000cn  
\$399 • 5 color/25 black ppm

HP Color LaserJet 2600n  
\$360 • 8 color/8 black ppm

Dell 3100cn  
\$499 • 5 color/25 black ppm

Dell 5100cn  
\$999 • 25 color/35 black ppm

HP Color LaserJet 3800  
\$799 • 22 color/22 black ppm

HP Color LaserJet 4700  
\$1,999 • 31 color/31 black ppm

Dell 1100  
\$99 • 15 ppm

HP LaserJet 1020  
\$179 • 15 ppm

Dell 1710  
\$199 • 27 ppm

HP LaserJet 1320  
\$399 • 22 ppm

Dell M5200n  
\$799 • 35 ppm

HP LaserJet 4250  
\$899 • 45 ppm

Dell W5300n  
\$999 • 45 ppm

Dell 1600n  
\$399 • 22 ppm

HP LaserJet 3030 AIO  
\$499 • 15 ppm

- **Print reliably with HP** – Dell users may need to add memory to print in best-PQ mode without memory errors, and may have to clean imaging lenses. These are not issues with HP printers.
- **Use less space with HP** – HP needs only 3.1 square feet of floor space vs. 6.6 square feet for Dell, which requires accessibility on 3 sides vs. only 1 side for HP.
- **Wait less for output with HP** – HP has a first-page-out time from powersave mode of 24 seconds vs. 41 seconds for Dell, plus the Color LaserJet 2600n can print up to 8 ppm color.

- **Replace fewer parts with HP** – in 140,000 pages, you replace 0 parts beyond toner on the CLJ 3800 and 1 on the CLJ 4700 vs. 9 on the Dell 5100cn.
- **Wait less for Best PQ with HP** – In best-PQ mode, it takes Dell 73.5 minutes to print a suite of 21 files, compared to 10.1 minutes for the CLJ4700 or 18.6 minutes for the CLJ3800
- **Print reliably with HP** – Dell users may need to add memory to print in best print-quality mode without memory errors, and deal with failures of the permanent developer system.

- **Wait less for output with HP** – HP has a first-page-out time from powersave mode of 10 seconds vs. 29 seconds for Dell.
- **More value** - HP ships with 1,000 extra pages of toner than Dell (2000 pages vs. 1000), plus HP includes a 1 year warranty while Dell includes only a 90-day warranty standard.

- **Get auto duplexing standard with HP** – Dell does not offer this even as an option for the 1710.
- **Wait less for output with HP** – HP has a first-page-out time from powersave mode of 9 seconds vs. 36 seconds for Dell, which, unlike HP, slows to half engine speed in 1,200-dpi mode.
- **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.

- **Wait less for output with HP** – A first-page-out time from powersave mode of 9 seconds lets HP warm up and print 27 pages before the Dells, with FPOs of 44 seconds, even print 1 page.
- **Get reliable PQ with HP** – HP's integrated toner cartridges yield consistently great print quality over time, whereas the Dell units' toner cartridges do not include a charge roller – a part that may need to be replaced separately to maintain acceptable PQ.
- **Simplify operation with HP** – Be sure to compare paper-tray designs, because unlike the Dell units' trays, HP's are durable, easy to load, and easy to adjust for various media sizes.

- **Wait less for output with HP** – HP has a first-page-out time from powersave mode of 10 seconds vs. 50 seconds for Dell.
- **Full network functionality** – Dell can only print at 6 ppm over network connections and the unit does not provide network scanning or faxing capabilities, whereas HP offers full functionality with an optional JetDirect external print server.
- **Productive faxing with HP** – Dell has no fax speed dials vs. 7 speed dials for HP.

Other important issues to consider when comparing Dell and HP printers

- **Minimize IT headaches with HP** – Unlike HP, Dell has 3 networking implementations and each Dell "solution" supports different network protocols and has different management capabilities.
- **Manage devices remotely with HP** – Unlike HP, Dell does NOT offer a solution to manage multiple printers at once. Instead, Dell printers must be managed one at a time, which usually demands significantly more IT resources.