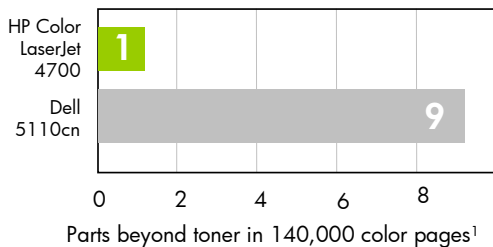


# HP Color LaserJet 4700 vs. Dell 5110cn



## Significant differences between these printers could impact...

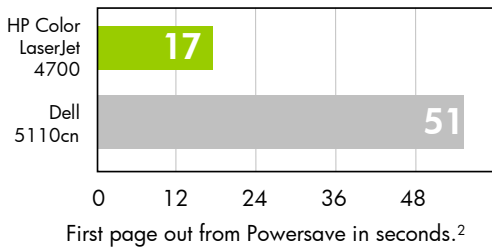
### Replace fewer parts with HP.



### reliability:

**Fewer parts to replace** – When printing 140,000 color pages, with an HP Color LaserJet 4700 you replace one part beyond toner cartridges, a transfer kit at 120,000 pages. With the Dell 5110cn you replace 4 imaging units, 4 transfer rollers and a fuser for a total of 9 parts. <sup>1</sup> Be sure to consider the parts cost, labor and associated downtime.

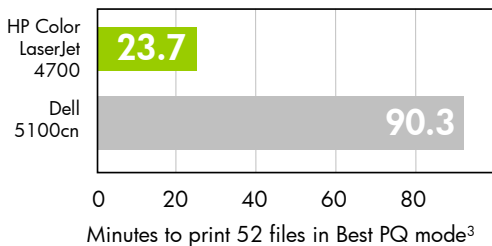
### Less waiting from Powersave with HP.



**Reliable consumable designs** – The HP Color LaserJet 4700 uses integrated print cartridges which contain the toner supply, the imaging drum and the developer for each color (CMYK). This design aims to reduce variability in the printing process and improve reliability over time because imaging drums and developers are refreshed regularly with replacements of the toner supply.

The Dell 5110cn printers are based on Fuji-Xerox print engines which have a very different consumables design. Imaging drums are separated from the toner supplies and developers are permanently mounted in the print engine. On the Dell 5110cn, if the developer system wears out a service call is required.

### Faster color output with HP.



### user productivity:

**Superior print quality** – HP's ImageRet 3600 technology consistently delivers output with sharper text and graphics, creating more professional looking documents. The Dell 5110cn print engine requires multiple transfer steps in the imaging process which can degrade text quality, blur edges and lead to registration problems.<sup>2</sup>

**Fast warm-up time** – From powersave the HP Color LaserJet 4700 warms up and prints in 17 seconds, compared to 51 seconds for the Dell 5110cn.<sup>2</sup> This means the HP printer can warm-up and print 18 color pages before the Dell 5110cn warms up and prints a single page.

**Performance in Best PQ mode** – In testing performed by Quality Logic the HP Color LaserJet 4700 prints a suite of 52 files in 23.7 minutes, while the Dell 5110cn takes 90.3 minutes, almost four times as long.<sup>3</sup> Both printers were in Best Print Quality mode (default for the HP Color LaserJet 4700).

1 – Based on manufacturer stated yields.

2 – Based on HP internal testing.

3 – Based on testing at Quality Logic. Go to [www.qualitylogic.com](http://www.qualitylogic.com) for complete details.

