

Title:

Which computer printer technology would you go for?

Word Count:

319

Summary:

A computer printer is a device that produces human readable text or graphics in electronic form.

Keywords:

computer printer technology,printer technology,toner based printers,inkjet printers,impact printers,line printers

Article Body:

A computer printer is a device that produces human readable text or graphics in electronic form.

The following printer technologies are found in modern printers

- **Toner based printers:** Toner based printers are very similar to photocopiers. They refer to the method used to adhere to the media. They are known for high quality prints, high print speed and low cost per copy. The most common example of toner based printers is laser printers. Their cost effective benefit has made them dominant for home and office applications. Another fine example of toner based printer would be LED printer which uses an array of LED's instead of a laser to cause toner adhesion.
- **Inkjet Printers:** Inkjet printers are cheaper than laser printers but they are expensive to run as their cartridges need to be frequently replaced. Inkjet printers are widely used at homes and by small business users. They have an excellent all round printing capabilities from black and white to color prints. Inkjet printers ensure high resolution photo prints offering high quality photographs. Inkjet printers are comparatively much slower than laser printers. Another disadvantage of inkjet printer is that the pages take a long time to dry before they can be actually handled.
- **Impact Printers:** Impact printers rely on a forcible ink to transfer ink to the media. They are similar to typewriters and have a limited capacity for reproducing text. A daisy wheel printer is a specific type of printer where the type is molded around the edge of a wheel. Impact printers are basically of two

types' letter quality printers and dot matrix printers.

- **Line Printers:** Line printers print an entire line of text at a time. These printers were the fastest in impact printers and were used for bulk printing in large computer centers. They were never used with personal computers due to their operating system. They have now been replaced by high speed laser printers.