

## Memjet Pushes Inkjet Printer Speeds

Written by Marco Attard  
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Printer maker Memjet claims its technology breaks records as far as print speeds are concerned-- saying the Memjet reference colour office printer can print out photo-quality pages at speeds of up to one page per second.



The secret lies in what Memjet calls Waterfall Printhead technology-- printing through a single fixed 8.77" printhead covering the entire width of an A4 sheet of paper with 70400 nozzles (x17 the amount in a regular inkjet) to deposit 774 million dots of ink per second. Being stationary, the system improves performance while reducing the noise, vibrations and mechanical complexity of traditional inkjet architectures.

The printhead also contains 5 ink channels (with Cyan, Magenta, Yellow and 2 black ink channels as standard colour configuration), with 2 nozzle rows per channel.

The technology impressed Popular Science magazine-- enough to give it a 2011 Best of What's New award.

Memjet is currently looking for both OEM and distribution partners in the home and office printer category, and is also working on ink and software systems.

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