

HP Intros Jet Fusion 3D Printer

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HP presents what it claims is the first production-ready 3D printing system at RAPID 2016-- the Jet Fusion, a printer the company says is up to 10 times faster than existing machines while promising to cut manufacturing costs by half.

Based on the [Multi Jet Fusion technology](#) first released back in 2014, Jet Fusion machines simultaneously operate 10000 nozzles to print objects on the level of individual voxels (3D pixels made of tiny cubes) at 21 micron resolution. The system is similar to thermal inkjet arrays, and provides higher levels of granular control over finished products, as well as a seamless finish.

In addition HP says the system is self-contained printing, with a fast-cooling module and an enclosed unpacking and material collection system for cleaner extraction. Thus, customers will be able to produce more parts or objects within a day when compared with existing cooling processes.

The Jet Fusion 3D printer comes in 2 models-- the 3200 (the lower-cost option ideal for prototyping) and the 4200 (a higher production model for short-run manufacturing needs). The 4200 should be the one first available in European markets by late 2016, while the 3200 follows sometime in 2017.

Go [Introducing the HP Jet Fusion 3D Printing System](#)