Enterprise SSDs at IDF 2013

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Intel unveils the SSD Professional Family at Intel Developer Forum 2013-- with product lines including the Pro 1500 Series available in a number of capacities and form factors.

The 1500 series has drives in the traditional 2.5-inch format, with 20nm MLC flash boasting up to 540MBps sequential read and 490MBps sequential write speeds (with random reads at 41000 IOPS and random writes at 80000 IOPS) paired with hardware-level 256-bit AES encryption and annual failure rates of around 1%.

It also features drives in the smaller M.2 form factor. Designed for use with ultrabooks, Intel promises ultra-slim M.2 SSDs reduce idle power by over 90% (compared to HDDs), allowing for longer battery lives.

Both 2.5-inch and M.2 SSDs should be available in 80, 120, 180, 280 and 360GB sizes, and the 2.5-inch line gets an additional 480GB number.

Go [Intel SSD Pro 1500 Series](#)