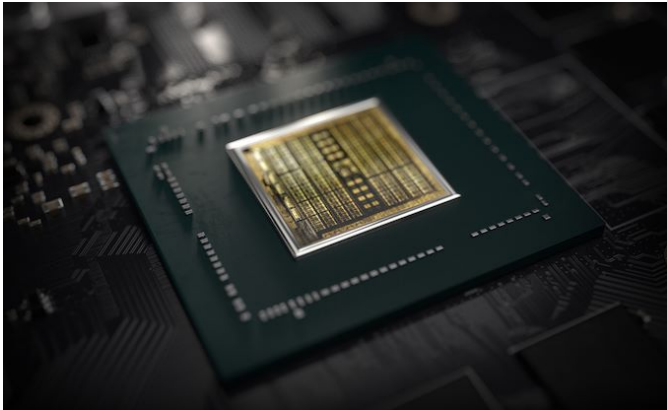


## Consumer Turing With GeForce GTX 1650

Written by Frederick Douglas  
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Nvidia presents a more mainstream-friendly Turing-powered GPU-- the GeForce GTX 1650, a card bringing the latest in Nvidia architecture featuring what the company calls a "TU117" chip.



The GTX 1650 is a successor to the Pascal-based GTX 1050 and 1050 Ti from 2016. As such, it runs on a variant of the TU11x series GPU one can assume is both cheaper and easier to produce, while still being based on Turing architecture. The TU117 die offers base and boost speeds reaching 1485 and 1685MHz respectively, carries 896 CUDA cores and includes 4GB GDDR5 RAM operating at 8Gbps and 128GB/s bandwidth.

As a basic card the GTX 1650 does not need an external power connector, and it features an energy-efficient design running at 75W TDP. In further performance metrics, Nvidia only says the GTX 1650 offers a 70% speed boost compared to the GTX 1050, at least at 1080p resolution.

The card is available now in variants from a number of vendor partners, including Asus, Colorful, EVGA, Gainward, Galaxy, Gigabyte, Innovision 3D, MSI, Palit, PNY and Zotac.

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