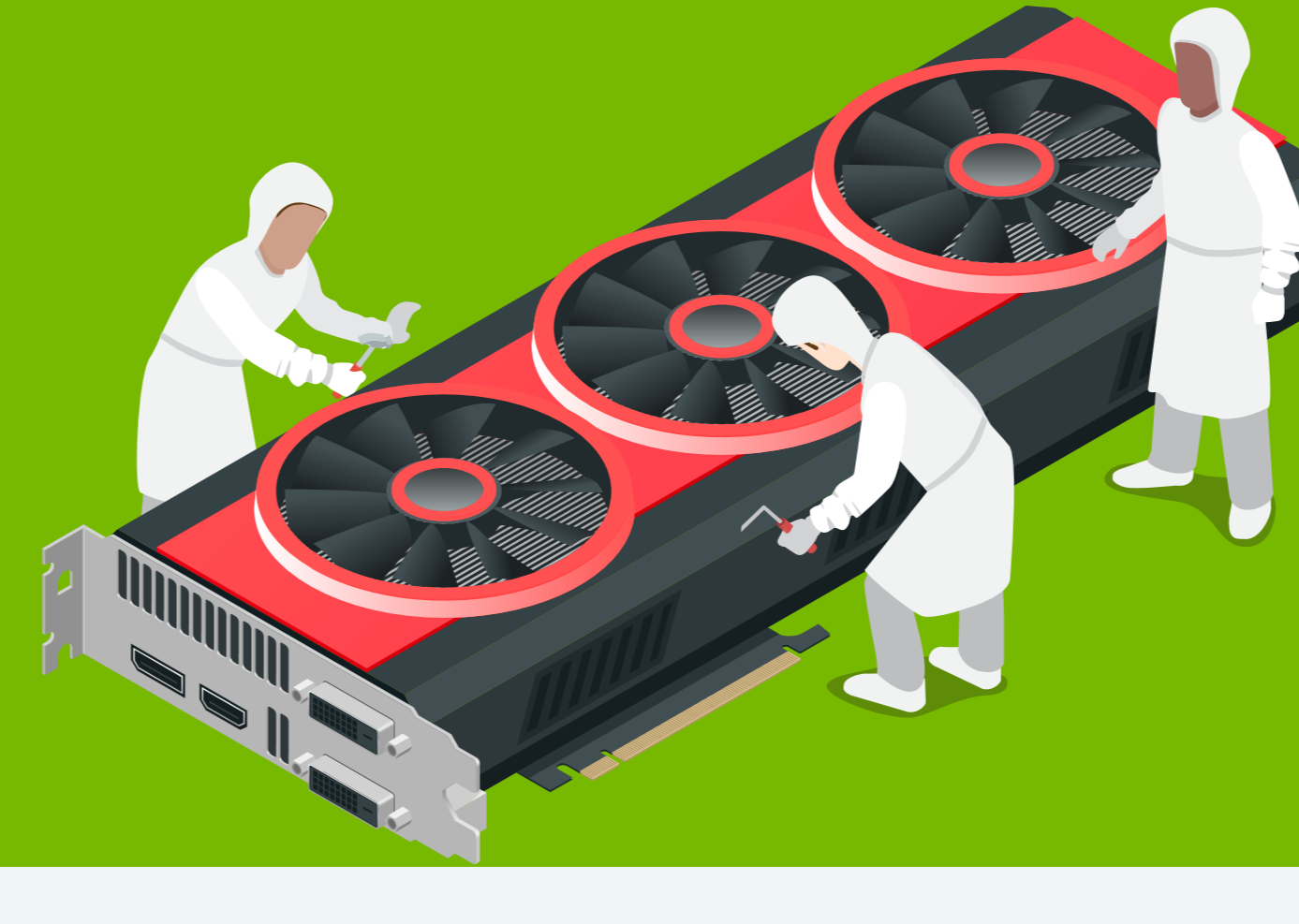


Videocard Benchmarks



Over 3,900 GPUs Benchmarked

GeForce GTX 1650 (Mobile)

Price and performance details for the GeForce GTX 1650 (Mobile) can be found below. This is made using thousands of PerformanceTest benchmark results and is updated daily.

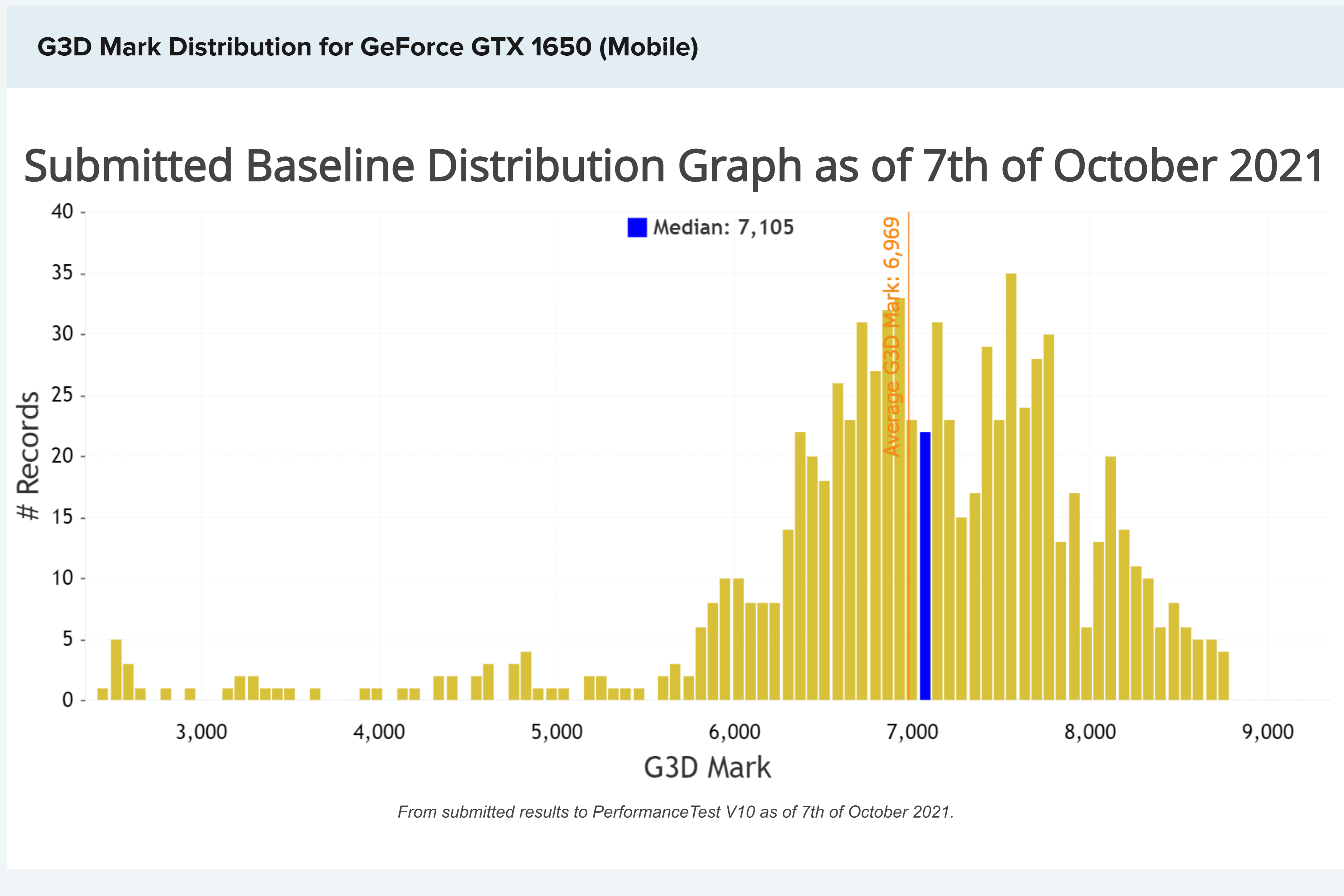
- The first graph shows the relative performance of the videocard compared to the 10 other common videocards in terms of PassMark G3D Mark.
- The 2nd graph shows the value for money, in terms of the G3DMark per dollar.

| VIDEO CARD | GeForce GTX 1650 (Mobile) | Average G3D Mark |
|--|---|---|
| <ul style="list-style-type: none"> High End High Mid Range Low Mid Range Low End | Bus Interface: PCIe 3.0 x16 | <p>Average G2D Mark: 384 Samples: 1756</p> <p>+ Compare</p> |
| | Max Memory Size: 4096 MB | |
| | Core Clock(s): 1395 MHz | |
| | Memory Clock(s): 8000 MHz | |
| | DirectX: 12 | |
| <ul style="list-style-type: none"> Best Value Common Market Share (30 Days) | Max TDP: 50 W | |
| | Videocard Category: Mobile | |
| <ul style="list-style-type: none"> Compare | Other names: NVIDIA GeForce GTX 1650 (Mobile) | |
| | Videocard First Benchmarked: 2019-05-01 | |
| <ul style="list-style-type: none"> Video Card Mega List Search Model | G3DMark/Price: NA | |
| | Overall Rank: 179 | |
| <ul style="list-style-type: none"> GPU Compute Video Card Chart Power Performance Video Card Chart | Last Price Change: NA | |

Videocard Test Suite Average Results for GeForce GTX 1650 (Mobile)

| | |
|-------------|----------------|
| DirectX 9 | 116 Frames/Sec |
| DirectX 10 | 72 Frames/Sec |
| DirectX 11 | 125 Frames/Sec |
| DirectX 12 | 27 Frames/Sec |
| GPU Compute | 2750 Ops/Sec |

From submitted results to PerformanceTest V10 as of 13th of October 2021.



Search for **GeForce GTX 1650 (Mobile)** from the Featured Merchants below:



G3D Mark Relative to Top 10 Common Laptop Videocards

As of 13th of October 2021 - Higher results represent better performance

| Videocard | Average G3D Mark |
|----------------------------------|------------------|
| GeForce RTX 3070 Laptop GPU | 14,621 |
| GeForce RTX 3060 Laptop GPU | 12,315 |
| GeForce GTX 1650 Ti | 7,450 |
| GeForce GTX 1650 (Mobile) | 6,968 |
| GeForce GTX 1050 (Mobile) | 4,461 |
| GeForce GTX 960M | 3,465 |
| GeForce MX150 | 2,332 |
| Radeon Vega 8 | 1,696 |
| Mobility Radeon HD 4650 | 401 |
| Mobility Radeon HD 5470 | 236 |

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Last 5 Baselines for GeForce GTX 1650 (Mobile)

Most recent listed first

| Videocard | Average G3D Mark |
|-------------------------|------------------|
| BL1290016 - Sep 02 2020 | 7404 |
| BL1289689 - Sep 01 2020 | 5851 |
| BL1289182 - Aug 31 2020 | 6580 |
| BL1289085 - Aug 31 2020 | 6741 |
| BL1288873 - Aug 30 2020 | 8331 |

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Popular comparisons for GeForce GTX 1650 (Mobile)

As of 13th of October 2021 - Higher results represent better performance

| Videocard | Average G3D Mark |
|--|------------------|
| GeForce GTX 1650 (Mobile) | 6,969 |
| RTX A5000 Laptop GPU | 18,942 |
| GeForce RTX 3080 Laptop GPU | 16,503 |
| RTX A4000 Laptop GPU | 16,076 |
| GeForce RTX 2080 (Mobile) | 15,107 |
| Quadro RTX 5000 (Mobile) | 14,832 |
| GeForce RTX 3070 Laptop GPU | 14,621 |
| GeForce RTX 2070 Super with Max-Q Design | 14,602 |
| RTX A3000 Laptop GPU | 14,433 |
| GeForce RTX 2080 Super with Max-Q Design | 13,992 |
| Quadro RTX 5000 with Max-Q Design | 13,987 |
| GeForce RTX 2080 with Max-Q Design | 13,631 |

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