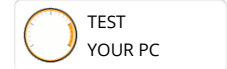
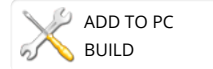




Gateway FX6840

Performance Results



Gaming 8%
Tree trunk ?

Desktop 59%
Gunboat ?

Workstation 7%
Tree trunk ?

Save results | Copy results | User guide | <> | f | Twitter

PC Status Overall this PC is performing below expectations (24th percentile). This means that out of 100 PCs with exactly the same components, 76 performed better. The overall PC percentile is the average of each of its individual components. Use the charts in the benchmark sections of this report to identify problem areas.

Processor With a good **single core** score, this CPU can easily handle the majority of general computing tasks. Despite its good **single core** score this processor isn't appropriate for workstation use due to its relatively weak multi-core performance. Finally, with a gaming score of 60.2%, this CPU's suitability for 3D gaming is above average.

Graphics 7.05% is a very low 3D score (RTX 2060S = 100%). This GPU can only handle very basic 3D **games** but it's fine for general computing tasks.

Boot Drive 50.6% is a reasonable SSD score. This drive enables fast boots and responsive applications.

Memory 10GB is enough RAM to run any version of Windows and it's more than sufficient for nearly all games. 10GB also allows for very large file and system caches, software development and batch photo editing/processing.

OS Version Windows 10 is the most recent version of Windows, and the best to date in our opinion.

System	Gateway FX6840 (all builds)
Motherboard	Gateway FX6840
Memory	0.4 GB free of 10 GB @ 1.3 GHz
Display	1680 x 1050 - 32 Bit colors
OS	Windows 10
BIOS Date	20100401
Uptime	1.1 Days
Run Date	Sep 03 '20 at 14:26
Run Duration	173 Seconds
Run User	USA-User
Background CPU	8%

⚠ PC Performing below expectations (24th percentile) ?

Actual performance vs. expectations. The graphs show user score (x) vs user score frequency (y).

Processor	Bench ?	Normal ?	Heavy ?	Server ?
<p>Intel Core i7 870-\$300 21,986 User benchmarks, average bench 68% CPU 1, 1 CPU, 4 cores, 8 threads Base clock 2.95 GHz, turbo 2.2 GHz (avg) ⚠ Performing way below expectations (8th percentile) ?</p>	60.2% Good	Memory 91.5 1-Core 63.2 2-Core 104 58% 86.4 Pts	4-Core 159 8-Core 235 25% 197 Pts	64-Core 227 15% 227 Pts
<p>Poor: 55% ↑ Great: 75% This bench: 60.2%</p>				

Graphics Card	Bench ?	3D DX9 ?	3D DX10 ?	3D DX11 ?
<p>AMD HD 5750 9,163 User benchmarks, average bench 7% Sapphire(174B E160) 1GB Driver: aticfx64.dll Ver. 15.200.1055.0 ✔ Performing above expectations (63rd percentile) ?</p>	7.05% Terrible	Lighting 34.6 Reflection 24.1 Parallax 31.2 9% 30 fps	MRender 18.6 Gravity 25.3 Splattling 25.2 7% 23 fps	

UserBenchmark

USA-User

US



CPU GPU SSD HDD RAM USB FPS EFPS YouTube *NEW* COMPARE BUILD TEST ABOUT

Poor: 7% ↑ Great: 8%
This bench: 7.05%

Drives Bench Sequential Random 4k Deep queue 4k



Samsung 860 Evo 500GB-\$69
373,179 User benchmarks, average bench 108%
42GB free (System drive)
Firmware: RVT02B6Q
SusWrite @10s intervals: 174 177 165 143 142 140 MB/s
▲ Performing below potential (0th percentile) - Ensure that this drive is connected to a SATA 3.0 port with a SATA 3.0 cable

50.6%
Above average

Read 243
Write 170
Mixed 168
SusWrite 157
41% 185 MB/s

4K Read 17.3
4K Write 45.2
4K Mixed 19.3
75% 27.3 MB/s

DQ Read 203
DQ Write 175
DQ Mixed 158
127% 179 MB/s

Poor: 77% ↑ Great: 131%
This bench: 50.6%



WD Green 2TB (2011)-\$70
138,976 User benchmarks, average bench 51%
778GB free
Firmware: 51.0AB51
SusWrite @10s intervals: 109 111 110 111 113 112 MB/s
✓ Performing above expectations (74th percentile)

59.1%
Above average

Read 94.7
Write 100
Mixed 80.2
SusWrite 111
71% 96.6 MB/s

4K Read 0.9
4K Write 1.7
4K Mixed 0.8
158% 1.13 MB/s

Poor: 32% ↑ Great: 67%
This bench: 59.1%



Seagate Barracuda 7200.12 1TB-\$50
247,140 User benchmarks, average bench 55%
538GB free
Firmware: CC44
SusWrite @10s intervals: 38 38 31 38 37 38 MB/s
▲ Performing way below expectations (12th percentile)

41.8%
Average

Read 109
Write 55.8
Mixed 47.5
SusWrite 36.8
46% 62.2 MB/s

4K Read 0.7
4K Write 1
4K Mixed 0.8
137% 0.83 MB/s

Poor: 35% ↑ Great: 69%
This bench: 41.8%



Seagate Backup+ Desk 4TB
2,019 User benchmarks, average bench 63%
171GB free
Firmware: 0404
SusWrite @10s intervals: 16 16 16 16 16 16 MB/s
▲ Performing way below expectations (6th percentile)

14.1%
Very poor

Read 33
Write 25.3
Mixed 23.7
SusWrite 15.7
18% 24.4 MB/s

4K Read 0.7
4K Write 1.6
4K Mixed 0.8
148% 1.03 MB/s

Poor: 14% ↑ Great: 99%
This bench: 14.1%



Asmt 2115 2TB
242 User benchmarks, average bench 55%
565GB free
Firmware: 0
SusWrite @10s intervals: 14 15 15 15 16 16 MB/s
▲ Performing way below expectations (3rd percentile)

11.3%
Very poor

Read 23.7
Write 24.3
Mixed 26.5
SusWrite 15.1
17% 22.4 MB/s

4K Read 0.6
4K Write 1.2
4K Mixed 0.2
70% 0.67 MB/s

Poor: 16% ↑ Great: 102%
This bench: 11.3%

Memory Kit Bench Multi core Single core Latency

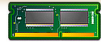
UserBenchmark

USA-User

US



- CPU
- GPU
- SSD
- HDD
- RAM
- USB
- FPS
- EFPS
- YouTube ^{*NEW*}
- COMPARE
- BUILD
- TEST
- ABOUT



M378B5673FH0-CH9 80CE M378B5673FH0-CH9
 029E CMX16GX3M4A1333C9 10GB
 1333, 1333, 1333, 1333 MHz
 2048, 2048, 2048, 4096 MB

34.8%
 Below average

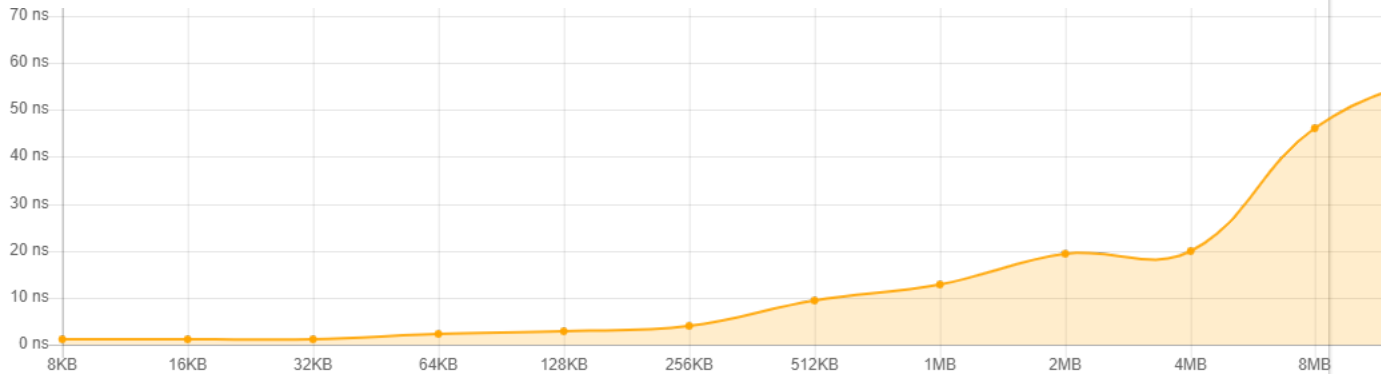
⚠ Relative performance n/a - insufficient samples

MC Read 12.8	SC Read 10.3	
MC Write 11.6	SC Write 11.5	Latency 64.9
MC Mixed 9.8	SC Mixed 6.4	62% 64.9 ns
33% 11.4 GB/s	27% 9.4 GB/s	

- Take a copy of your results
- How to check your in-game FPS

System Memory Latency Ladder

L1/L2/L3 CPU cache and main memory (DIMM) access latencies in nano seconds.



PC Games

Compare your in-game performance to other users with your hardware: HD 5750, Display(VE228), 1920 x 1080, 60 Hz.

1. Pick a game that you play on this PC.

 Grand Theft Auto V	 Fortnite	 Counter-Strike: Globa...
 League of Legends	 Minecraft	 PlayerUnknown's Batt...
 Tom Clancy's Rainbo...	 Overwatch	 The Witcher 3: Wild H...
 Destiny 2	 Call of Duty modern ...	 Assassin's Creed Ody...

2. What settings do you play on?

Settings

3. How many (uncapped) fps do you get?

Avg. fps

UserBenchmark

USA-User

US

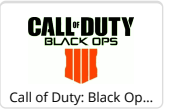


CPU GPU SSD HDD RAM USB FPS EFPS

YouTube ^{*NEW*}

COMPARE BUILD TEST ABOUT

Escape from Tarkov World of Tanks Forza Horizon 4



MORE GAMES

Custom PC Builder (Explore upgrades for this PC)

Build your perfect PC: compare component prices, popularity, speed and value for money.

CHOOSE AN UPGRADE:

CPU	GPU	SSD	HDD	RAM	MBD
-----	-----	-----	-----	-----	-----

Typical FX6840 Builds (Compare 146 builds)

See popular component choices, score breakdowns and rankings.

Gaming 9%
Tree trunk

Desktop 63%
Destroyer

Workstation 7%
Tree trunk

System: Gateway FX6840

CPU

Core i7 860
Intel \$280
Bench 66%, 35,244 samples

84x

Core i7 870
Intel \$300
Bench 68%, 21,986 samples

57x

Core i5 650
Intel \$215
Bench 49%, 32,764 samples

3x

GPU

HD 5750
AMD
Bench 7%, 9,163 samples

17x

HD 5770
AMD
Bench 9%, 26,959 samples

13x

GTX 970
Nvidia \$428
Bench 52%, 614,744 samples

10x

SSD

A400 240GB
Kingston \$28
Bench 62%, 180,760 samples

7x

CS900 240GB
PNY \$27
Bench 77%, 24,792 samples

5x

SSDNow V300 120GB
Kingston \$64
Bench 54%, 266,407 samples

4x

RAM

GU512303EP0202 4x2GB
Unknown
Bench 37%, 449 samples

25x

M378B5673FH0-CH9 4x2GB
Unknown
Bench 36%, 481 samples

15x

M378B5673EH1-CH9 4x2GB
Unknown
Bench 33%, 165 samples

15x

EDIT WITH CUSTOM PC BUILDER

Value: 62% - Good

Total price: \$308



UserBenchmark

USA-User

US



CPU GPU SSD HDD RAM USB FPS EFPS

YouTube *NEW*

COMPARE BUILD TEST ABOUT

CPU

Intel Core i5-9600K \$190
Intel Core i5-9400F \$145
Intel Core i7-9700K \$295

GPU

Nvidia GTX 1660S (Super) \$230
Nvidia GTX 1650S (Super) \$170
Nvidia RTX 2070S (Super) \$510

SSD

Crucial MX500 250GB \$34
Samsung 850 Evo 120GB \$78
Samsung 860 Evo 250GB \$44

HDD

Seagate Barracuda 1TB (2016) \$43
WD Blue 1TB (2012) \$39
Seagate Barracuda 3TB (2016) \$85

RAM

Corsair Vengeance LPX DDR4 3200 C16 2x8GB \$67
Corsair Vengeance LPX DDR4 3000 C15 2x8GB \$67
G.SKILL Trident Z DDR4 3200 C14 4x16GB \$681

USB

SanDisk Extreme 64GB \$72
SanDisk Extreme 32GB \$46
SanDisk Extreme 16GB \$24

Today's hottest Amazon Ebay deals

CPU GPU SSD HDD USB RAM MBD

Build

Test

EFps

Can You Run It?

YouTube *NEW*													
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