

UserBenchmark

USA-User

US

CPUGPUSSDHDDRAMUSB

COMPAREBUILDTEST

VIVO "TITAN" ATX MID TOWER ...
\$69.99

VIVO ATX MID TOWER ...
\$53.99

VIVO "ATHENA" ATX MID ...
\$49.99

Intel DP43TF

Performance Results

ADD TO PC BUILD

TEST YOUR PC

Benchmarks - excluding SSD

Gaming 13%

Tree trunk

Desktop 29%

Raft

Workstation 15%

Surfboard

Save results

Copy results

User guide

Status

Overall this PC is performing above expectations (62nd percentile). This means that out of 100 PCs with exactly the same components, 38 performed better. The overall percentile is the average of the percentiles for each component in the PC.

Processor

With a below average single core score, this CPU can handle email, web browsing and audio/video playback but it will struggle to handle modern 3D games or workstation tasks such as video editing. Finally, with a gaming score of 34.1%, this CPUs suitability for 3D gaming is below average.

Graphics

4.93% is too low to play 3D games or use CAD packages. (Note: general computing tasks don't require 3D graphics)

Boot Drive

The boot partition is located on a mechanical or hybrid drive. Moving the system to an SSD will yield far faster boot times, better system responsiveness and faster application load times.

Memory

4GB is enough RAM to run any version of Windows and although it's sufficient for most games, some will benefit from up to 8GB of RAM. 4GB is also enough for modest file and system caches which allow for a responsive system.

OS Version

Although Windows 7 is still a viable option, it's now 7 years and 5 months old. This system should be upgraded to Windows 10 which is generally faster and has an improved set of core utilities including better versions of explorer and task manager.

System

INTEL DP43TF

Motherboard

Intel DP43TF (all builds)

Memory

1.3 GB free of 4 GB @ 0.8 GHz

Display

1680 x 1050 - 32 Bit colors

OS

Windows 7

BIOS Date

20100122

Uptime

0.1 Days

Run Date

Dec 29 '16 at 20:52

Run Duration

88 Seconds

Run User

USA-User

Background CPU

26%

High background CPU (26%). High background CPU reduces benchmark accuracy. Find active processes with windows task manager (CTRL+SHIFT+ESC).

PC Performing above expectations (62nd percentile)

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

Processor	Bench	Single core	Quad core	Multi core
<div><div>Intel Core2 Quad Q9400-\$180</div><div>2,502 User benchmarks - Average bench 35%</div><div>LGA775, 1 CPU, 4 cores, 4 threads</div><div>Base clock 2.65 GHz</div><div>Performing as expected (42nd percentile)</div></div> <div>34.1% Below average</div> <div>SC Int 64.7 SC Float 38.1 SC Mixed 48.1 40% 50.3 Pts</div> <div>QC Int 225 QC Float 133 QC Mixed 167 40% 175 Pts</div> <div>MC Int 249 MC Float 147 MC Mixed 185 29% 194 Pts</div>				

Poor: 28% ↑ Great: 44%
This bench: 34.1%

Graphics Card	Bench	3D DX9	3D DX10	3D DX11
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http://www.userbenchmark.com/UserRun/2420923

1/4


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EVGA(3842 C964) 1GB
Ram: 1GB, Driver: 342.1
✓ Performing above expectations (69th percentile)
?

4.93%
Terrible

Parallax 4.3
2% 12 fps

Splatting 11.8
8% 11.5 fps

Poor: 2% ↑ Great: 6%
This bench: 4.93%


Drive

Bench ?

Sequential ?

Random 4k ?

Deep queue 4k ?



Seagate Barracuda 7200.12 1TB-\$80
34,306 User benchmarks - Average bench 54%
515GB free
Firmware: CC34 Max speed: SATA 2.0 300 MB/s
SYSTEM NCQ 7200 RPM !4KALIGNED S.M.A.R.T
✓ Performing above expectations (69th percentile)
?

58.6%
Above average

Read 99.7
Write 105
Mixed 106
78% 103 MB/s

4K Read 0.62
4K Write 1.29
4K Mixed 0.41
95% 0.77 MB/s

Poor: 39% ↑ Great: 67%
This bench: 58.6%

Memory Kit

Bench ?

Multi core ?

Single core ?

Latency ?

Unknown 2x2GB
42,145 User benchmarks - Average bench 20%
2 of 4 slots used
4GB DIMM DDR2
✓ Performing above expectations (67th percentile)
?

21%
Poor

MC Read 7
MC Write 6.6
MC Mixed 6.5
19% 6.7 GB/s

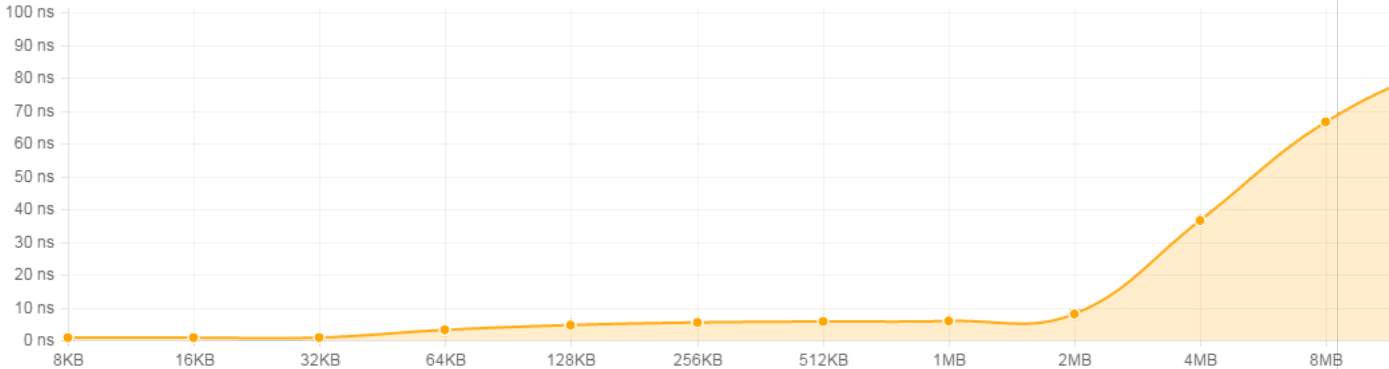
SC Read 5.8
SC Write 6.1
SC Mixed 5.9
17% 5.93 GB/s

Latency 98.7
40% 98.7 ns

Poor: 11% ↑ Great: 40%
This bench: 21%

🕒 System Memory Latency Ladder ?

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



🎮 PC Games (beta)

Compare your in-game performance to other users with your hardware: GeForce 9600 GSO-512, Display(Acer X223W), 1680 x 1050, 59 Hz.

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CSGO

Fallout 4

Battlefield 1

MORE GAMES

LowMedHighMax

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

Avg. fps

SUBMIT YOUR FPS

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 DP43TF Builds (Compare 20 builds)

See popular component choices, score breakdowns and rankings.

Gaming 13%

Tree trunk

Desktop 31%

Sail boat

Workstation 14%

Tree trunk

Motherboard: Intel DP43TF

CPU	GPU	SSD	RAM
<div>Core2 Duo E8400</div> <div>Intel \$18</div> <div>Bench 25%, 10,047 samples</div>	<div>Radeon HD 4670</div> <div>ATI</div> <div>Bench 5%, 2,902 samples</div>	<div>SSDNow V300 60GB</div> <div>Kingston \$44</div> <div>Bench 42%, 3,370 samples</div>	<div>2x2GB</div> <div>Unknown</div> <div>Bench 20%, 42,145 samples</div>
<div>Core2 Quad Q8300</div> <div>Intel \$140</div> <div>Bench 32%, 2,278 samples</div>	<div>HD 4870</div> <div>ATI</div> <div>Bench 13%, 5,139 samples</div>	<div>SSDNow V+200 240GB</div> <div>Kingston \$193</div> <div>Bench 61%, 57 samples</div>	<div>4x2GB</div> <div>Unknown</div> <div>Bench 25%, 16,914 samples</div>
<div>Core2 Quad Q9550</div> <div>Intel \$129</div> <div>Bench 38%, 4,192 samples</div>	<div>HD 6850</div> <div>AMD</div> <div>Bench 18%, 5,397 samples</div>	<div>SSDNow V300 120GB</div> <div>Kingston \$47</div> <div>Bench 47%, 42,491 samples</div>	<div>3x2GB</div> <div>Unknown</div> <div>Bench 37%, 5,114 samples</div>

EDIT WITH CUSTOM PC BUILDER

Value: 39% - Below average

Total price: \$62

http://www.userbenchmark.com/UserRun/2420923

3/4

The Best.

CPU

Intel Core i7-6700K \$338
Intel Core i5-6600K \$238
Intel Core i7-4790K \$325

GPU

Nvidia GTX 970 \$275
AMD RX 480 \$215
Nvidia GTX 1070 \$370

SSD

Samsung 850 Evo 250GB \$90
Samsung 850 Evo 500GB \$163
Samsung 850 Pro 256GB \$118

HDD

Seagate Barracuda 7200.14 1TB \$46
WD Blue 1TB (2012) \$47
WD Black 6TB (2015) \$279

RAM

Corsair Vengeance LPX DDR4 3000 C15 2x8GB \$106
G.SKILL Trident Z DDR4 3200 C16 2x8GB \$115
HyperX Fury DDR4 2133 C14 2x8GB \$100

USB

SanDisk Extreme 64GB \$28
SanDisk Extreme 32GB \$20
SanDisk Extreme 16GB \$16

Today's hottest

Amazon☒

Ebay☐

Newegg☐

deals

CPU

GPU

SSD

HDD

USB

RAM

MBD

Test your PC

Build a PC