A large, stylized red dragon is positioned on the left side of the slide. The dragon is depicted in a dynamic, coiled pose, facing towards the right. It has sharp, pointed ears, a long snout, and its mouth is open, showing sharp teeth. The dragon's body is covered in intricate, swirling patterns that suggest scales or flowing fur. Its wings are spread, and its tail is long and curved. The entire dragon is rendered in a vibrant red color with a glossy, metallic finish, giving it a three-dimensional appearance. It is set against a dark, textured background that resembles a night sky or a dark surface.

How to tweak your PC game settings? Graphics Settings vs Performance **DOTA 2**

Prepared by MSI Notebook FAE
Version 1.0
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DOTA 2

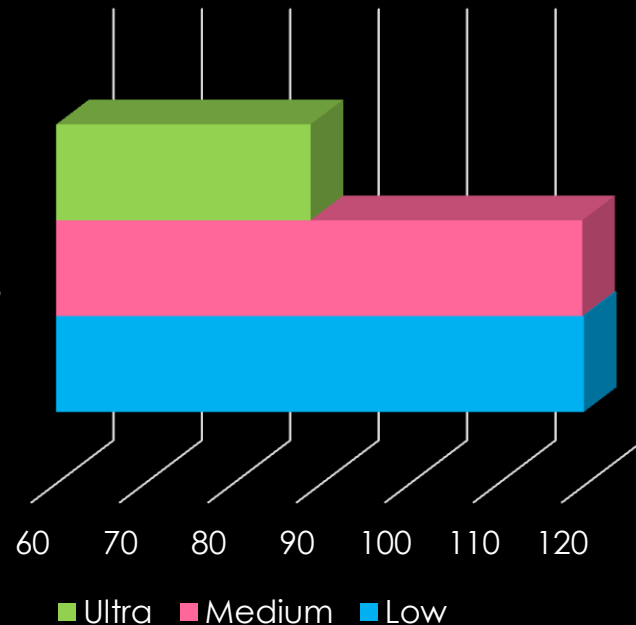


- The FPS result of DOTA 2 is collected by running matches with **A.I. players.**
- Due to the different hardware configurations (such as different CPUs, RAMs, and etc.), the FPS result may be **different** on the same graphics.
- The game is tested under three different video configurations -Low Medium and Ultra. Each settings is tested for three times.
(Low: 1024x768 with Advanced video settings all turn off and Render Quality set to 40%. Medium: 1366x768 with Advanced video settings all turn on except VSync and Render Quality set to 70%. Ultra: 1920x1080 with Advanced video settings all turn on except VSync and Render Quality set to 100% .)
- The giving charts show you the FPS under different graphics settings with different graphic cards.

Graphics Settings	Ultra	Medium	Low
Resolution	1920x1080	1366x768	1024x768
Game Screen Render Quality	100%	70%	40%
Texture Quality	High	Medium	Low
Shadow Quality	High	Medium	Low
Anti-Aliasing	On	On	Off
Secular and Light Blooms	On	On	Off
High Quality Water	On	On	Off
Atmospheric Fog	On	On	Off
Animate Portrait	On	On	Off
Additive Light Pass	On	On	Off
World Lighting	On	On	Off
Ambient Occlusion	On	On	Off
Ambient Creatures	On	On	Off
VSync	Off	Off	Off

FPS per setting on 950M

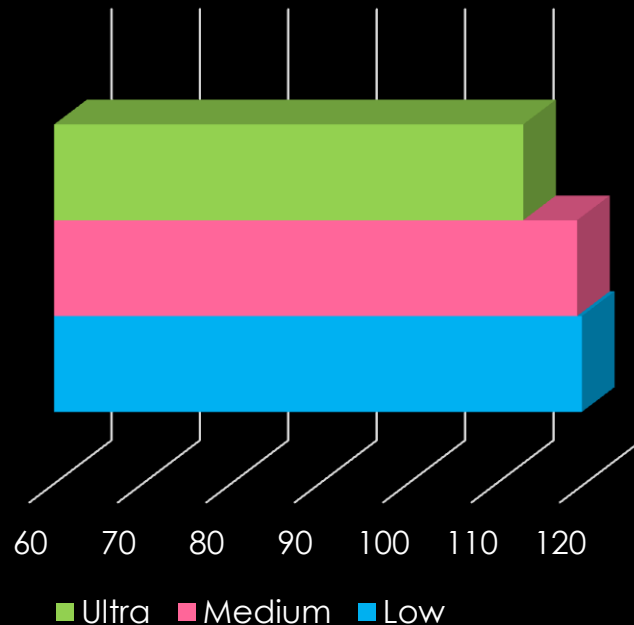
Average FPS



Graphics Settings	Ultra	Medium	Low
Resolution	1920x1080	1366x768	1024x768
Game Screen Render Quality	100%	70%	40%
Texture Quality	High	Medium	Low
Shadow Quality	High	Medium	Low
Anti-Aliasing	On	On	Off
Secular and Light Blooms	On	On	Off
High Quality Water	On	On	Off
Atmospheric Fog	On	On	Off
Animate Portrait	On	On	Off
Additive Light Pass	On	On	Off
World Lighting	On	On	Off
Ambient Occlusion	On	On	Off
Ambient Creatures	On	On	Off
VSync	Off	Off	Off

FPS per setting on 960M

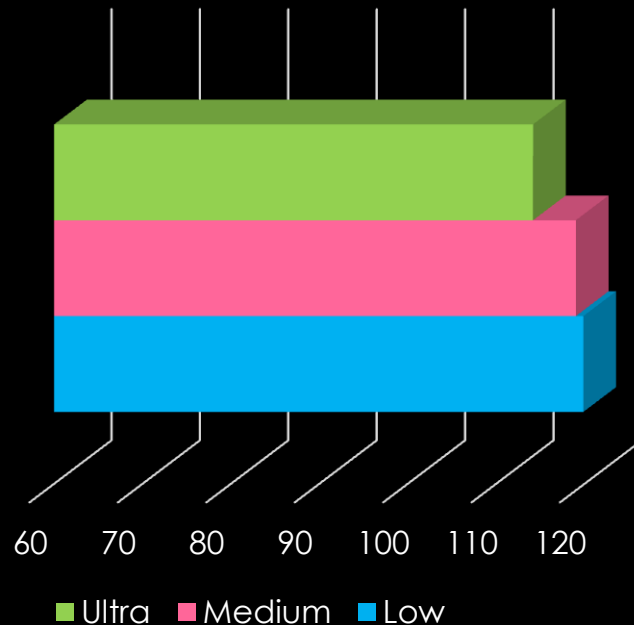
Average FPS



Graphics Settings	Ultra	Medium	Low
Resolution	1920x1080	1366x768	1024x768
Game Screen Render Quality	100%	70%	40%
Texture Quality	High	Medium	Low
Shadow Quality	High	Medium	Low
Anti-Aliasing	On	On	Off
Secular and Light Blooms	On	On	Off
High Quality Water	On	On	Off
Atmospheric Fog	On	On	Off
Animate Portrait	On	On	Off
Additive Light Pass	On	On	Off
World Lighting	On	On	Off
Ambient Occlusion	On	On	Off
Ambient Creatures	On	On	Off
VSync	Off	Off	Off

FPS per setting on 965M

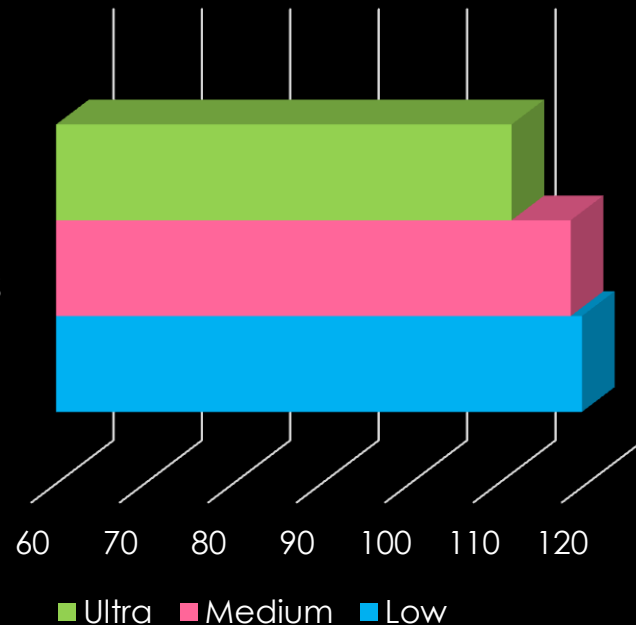
Average FPS



Graphics Settings	Ultra	Medium	Low
Resolution	1920x1080	1366x768	1024x768
Game Screen Render Quality	100%	70%	40%
Texture Quality	High	Medium	Low
Shadow Quality	High	Medium	Low
Anti-Aliasing	On	On	Off
Secular and Light Blooms	On	On	Off
High Quality Water	On	On	Off
Atmospheric Fog	On	On	Off
Animate Portrait	On	On	Off
Additive Light Pass	On	On	Off
World Lighting	On	On	Off
Ambient Occlusion	On	On	Off
Ambient Creatures	On	On	Off
VSync	Off	Off	Off

FPS per setting on 970M

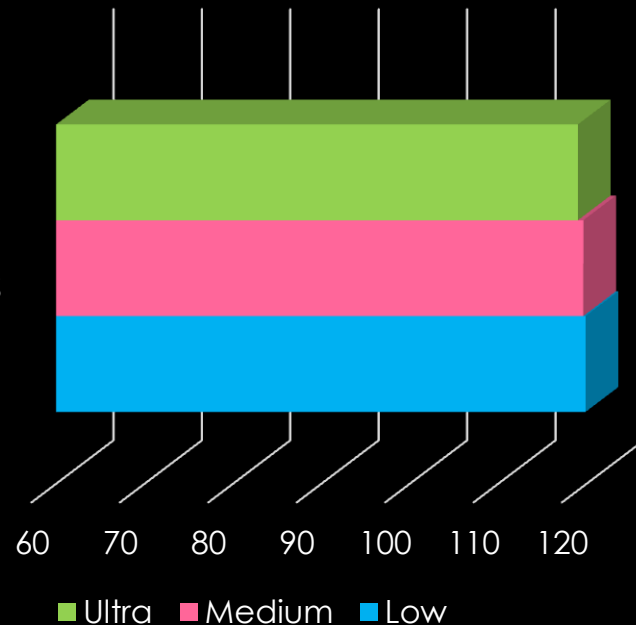
Average FPS



Graphics Settings	Ultra	Medium	Low
Resolution	1920x1080	1366x768	1024x768
Game Screen Render Quality	100%	70%	40%
Texture Quality	High	Medium	Low
Shadow Quality	High	Medium	Low
Anti-Aliasing	On	On	Off
Secular and Light Blooms	On	On	Off
High Quality Water	On	On	Off
Atmospheric Fog	On	On	Off
Animate Portrait	On	On	Off
Additive Light Pass	On	On	Off
World Lighting	On	On	Off
Ambient Occlusion	On	On	Off
Ambient Creatures	On	On	Off
VSync	Off	Off	Off

FPS per setting on 980M

Average FPS



System Information

GPU	Notebook	CPU	Storage	RAM	dGPU Memory
GTX 980M	GT72 2QE	Intel Core i7-5700HQ 2.70GHz	128 GB x 2 in RAID 0	8G x 2	GDDR5 8GB
GTX 970M	GS70 2QE	Intel Core i7-5700HQ 2.70GHz	128 GB x 2 in RAID 0	8G x 2	GDDR5 6GB
GTX 965M	GE72 2QE	Intel Core i7-5700HQ 2.70GHz	128 GB +1TB	8G x2	GDDR5 2GB
GTX 960M	GE72 2QD	Intel Core i7-5700HQ 2.70GHz	128 GB +1TB	8G x 2	GDDR5 2GB
GTX 950M	GP72 2QE	Intel Core i7-5700HQ 2.70GHz	128 GB +1TB	8G x 2	GDDR5 2GB

*The game play of DOTA2 is simulated by human players on the latest NVIDIA graphics driver 353.30.

Frequently Asked Questions

- How to achieve the best performance and amazing gaming experience on MSI Notebook?
<http://www.msi.com/faq/nb-1308.html>
- System sometimes lags after playing computer games for a while. The problem gets worse when I turn on all special effects in game setting.
<http://www.msi.com/faq/nb-284.html>
- I have game lags when I play the game installed on my hard drive, and I can constantly hear sounds from my hard drive when it's working.
<http://www.msi.com/faq/nb-977.html>
- When running some PC games, the game screen didn't properly render in full screen. Some of them can't stretch to the full screen, or even appear some graphic tears when playing.
<http://www.msi.com/faq/nb-1399.html>
- How to improve the quality of wireless connection? (For 802.11AC Wireless Adapter: Intel® Dual Band Wireless-AC 3160 / 7260 & Killer Wireless AC 1525)
<http://www.msi.com/faq/nb-1178.html>

*Find more FAQs [HERE](#).