

Power & Performance Summary



Aspect Ultra

Intel Core i5 12400,
Intel(R) UHD Graphics 730,
2 x 8GB 3200MTs

5153	Performance Score
72.50 kWh per annum	Estimated Energy Use
£17.76 per annum	Estimated Energy Cost
148.76 points per watt	Performance Efficiency

*Performance data based on usage of 7 hours active, 1 hour idle, 2 hours sleep, and 14 hours powered off per day, over 260 days per year based on unit rate of £0.245 (£/kWh)



5153

Performance score (PCMark 10 Overall).



148.76

Performance Per Watt*.



£17.76

Estimated energy cost per annum.

Power & Performance Data

Specification	CPU	Intel Core i5 12400
	GPU	Intel(R) UHD Graphics 730 - 24EU
	RAM	2 x 8GB 3200MTs
	SSD	512GB NVMe SSD
PassMark Purely synthetic benchmark testing, not necessarily representative of real-world use	PassMark (Total)	2967
	PassMark (CPU)	20516
	PassMark (2D GPU)	643
	PassMark (3D GPU)	1655
PCMark 10 Benchmark tool designed to emulate real-world applications, better indicator of actual performance	PCMark 10	5153
	Essentials	9954
	Productivity	6730
	Content Creation	5543
PSU	80+ rating	???
	Maximum PSU efficiency (50% load @ 230V in)	92%
Power Usage	Off	1.10w
	Sleep	1.38w
	Idle	18.52w
	Full Load	114.71w
	Typical Usage	34.64w
Net Energy	Net Energy Usage	78.81 kWh
	Net Energy Cost	£17.76 per annum
Performance / Power	Typical Usage (PCMark 10)	148.76 score/W
	Full Load (Cinebench R24)	5.73 score/W