

Power & Performance Summary



Aspect Micro

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

5146	Performance Score
71.22 kWh per annum	Estimated Energy Use
£17.45 per annum	Estimated Energy Cost
151.35 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.



5146

Performance score (PCMark 10 Overall).



151.35

Performance Per Watt*.



£17.45

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)	2855
	PassMark (CPU)	20009
	PassMark (2D GPU)	578
	PassMark (3D GPU)	1585
PCMark 10 Benchmark tool designed to emulate real-world applications, better indicator of actual performance	PCMark 10	5146
	Essentials	9439
	Productivity	7167
	Content Creation	5469
PSU	80+ rating	Bronze
	Maximum PSU efficiency (50% load @ 230V in)	88%
Power Usage	Off	1.00w
	Sleep	2.00w
	Idle	16.94w
	Full Load	98.46w
	Typical Usage	34.00w
Net Energy	Net Energy Usage	80.94 kWh
	Net Energy Cost	£19.83 per annum
Performance / Power	Typical Usage (PCMark 10)	151.35 score/W
	Full Load (Cinebench R24)	6.06 score/W