

Power & Performance Summary



Aspect Mini

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

5415	Performance Score
83.83 kWh per annum	Estimated Energy Use
£20.54 per annum	Estimated Energy Cost
134.57 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)



5415

Performance score (PCMark 10 Overall).



134.57

Performance Per Watt*.



£20.54

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)	3040
	PassMark (CPU)	20391
	PassMark (2D GPU)	462
	PassMark (3D GPU)	1741
PCMark 10 Benchmark tool designed to emulate real-world applications, better indicator of actual performance	PCMark 10	5415
	Essentials	10278
	Productivity	7506
	Content Creation	5586
PSU	80+ rating	???
	Maximum PSU efficiency (50% load @ 230V in)	88%
Power Usage	Off	0.82w
	Sleep	1.29w
	Idle	23.35w
	Full Load	112.46w
	Typical Usage	40.24w
Net Energy	Net Energy Usage	83.83 kWh
	Net Energy Cost	£20.54 per annum
Performance / Power	Typical Usage (PCMark 10)	134.57 score/W
	Full Load (Cinebench R24)	5.58 score/W