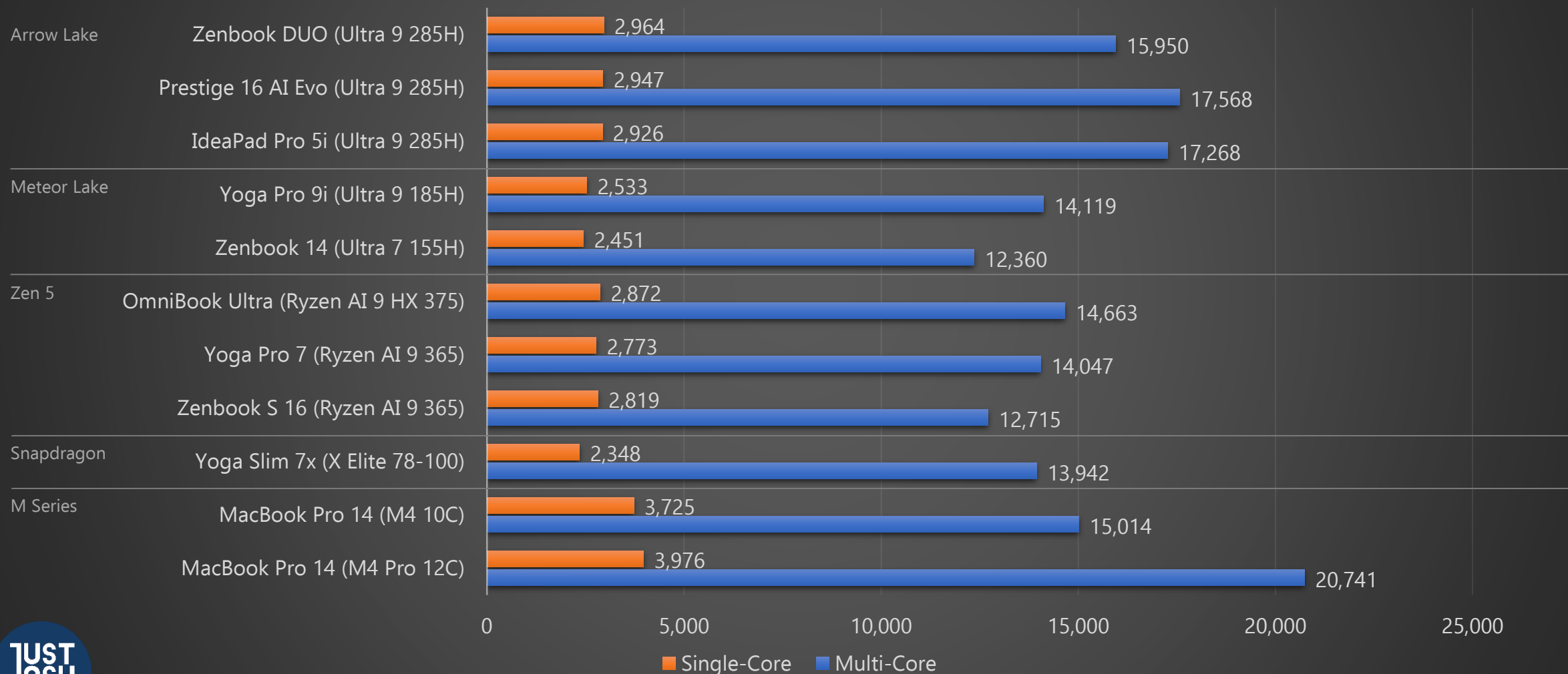


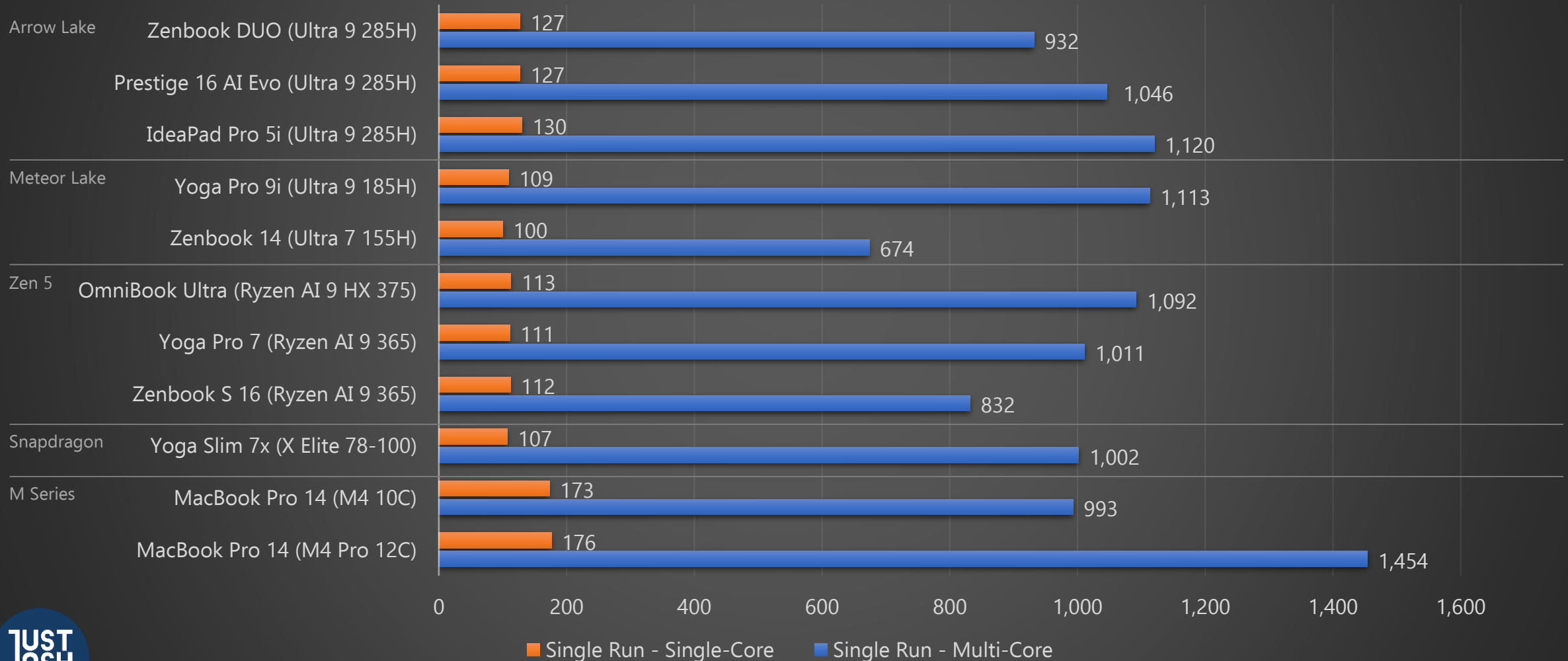
Common Performance Tasks - Geekbench 6

Highest Performance Modes, Higher is Better



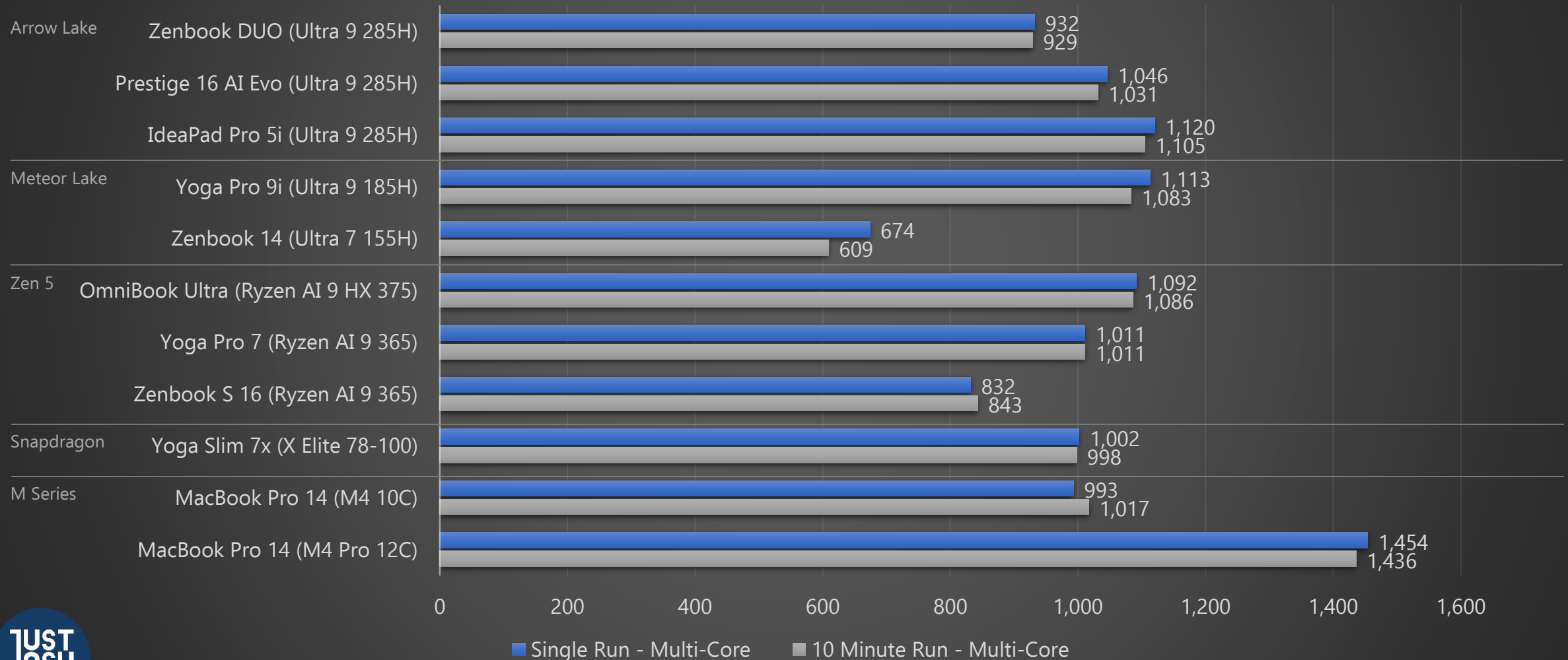
Max CPU Performance - Cinebench 2024

Highest Performance Modes, Higher is Better



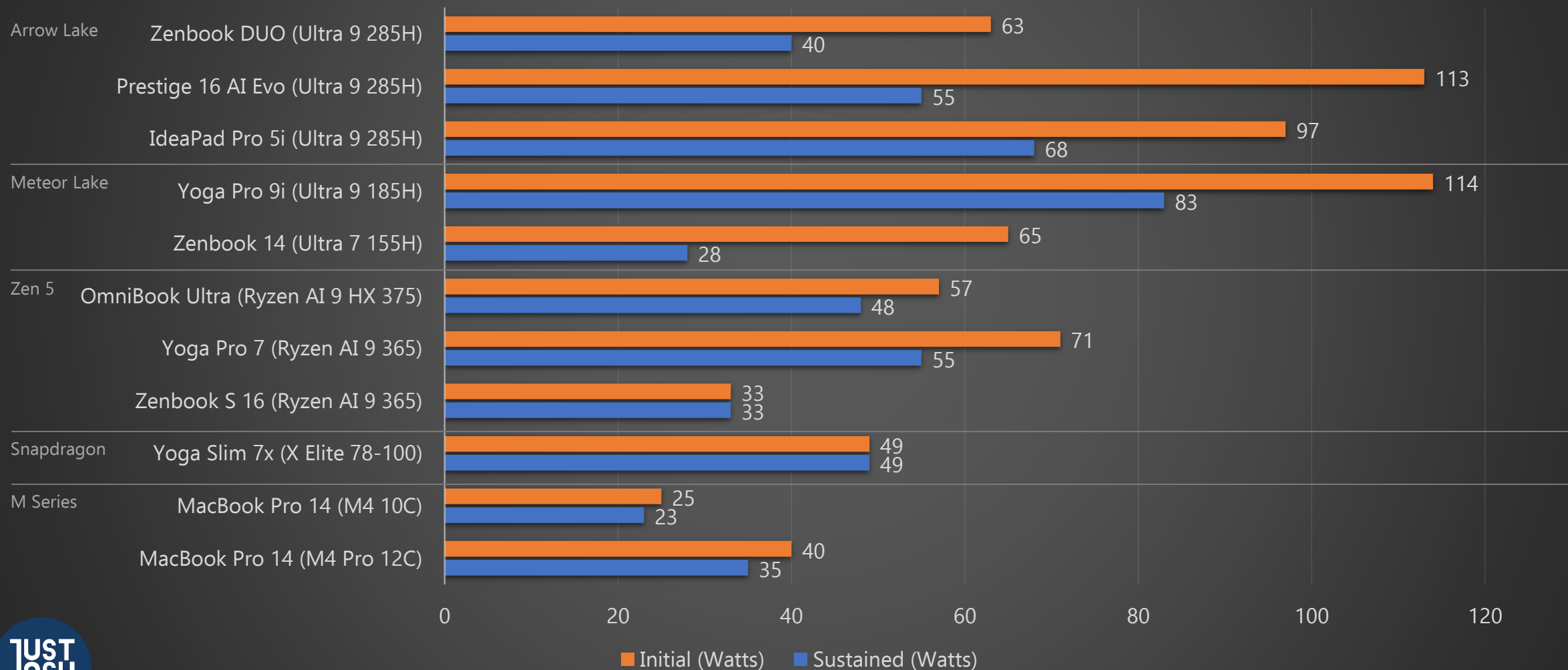
Sustained Performance - Cinebench 2024

Highest Performance Modes, Higher is Better



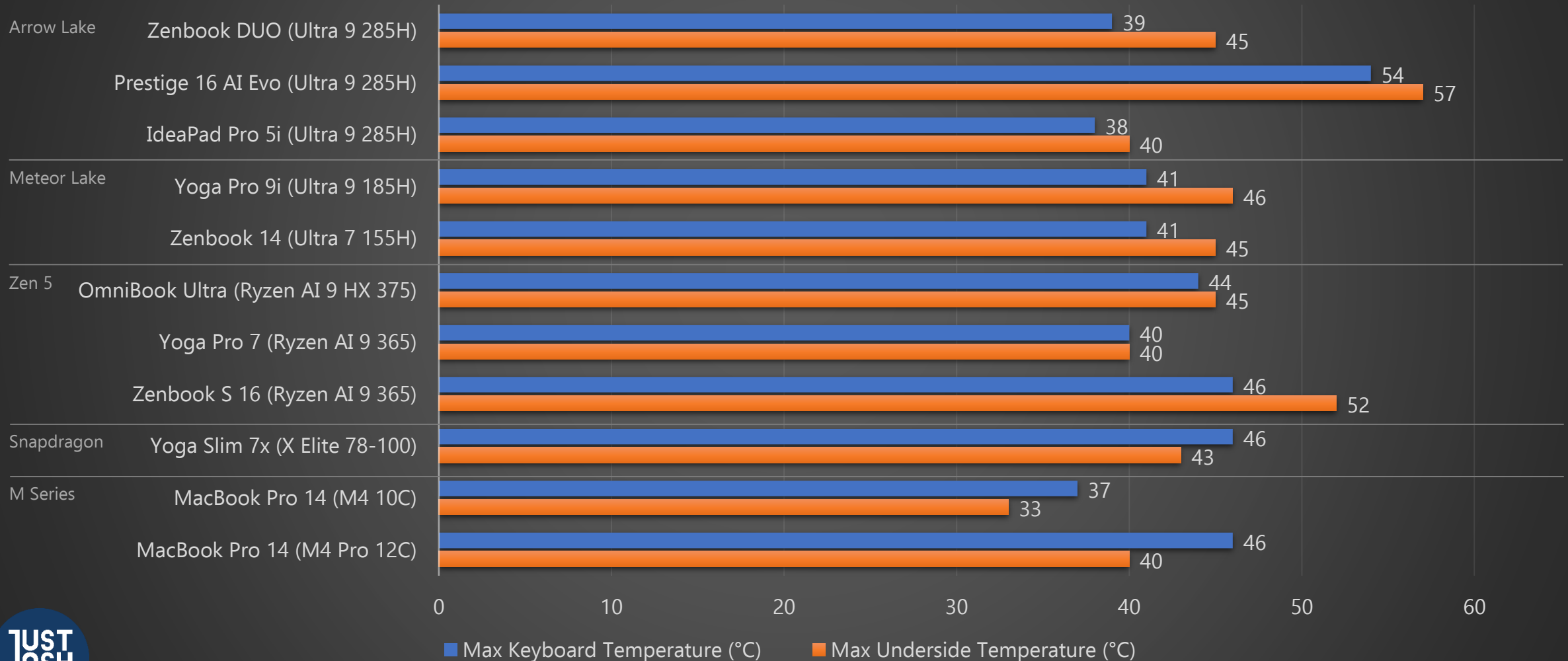
Power Draw - Cinebench 2024

Highest Performance Modes, Lower is Better



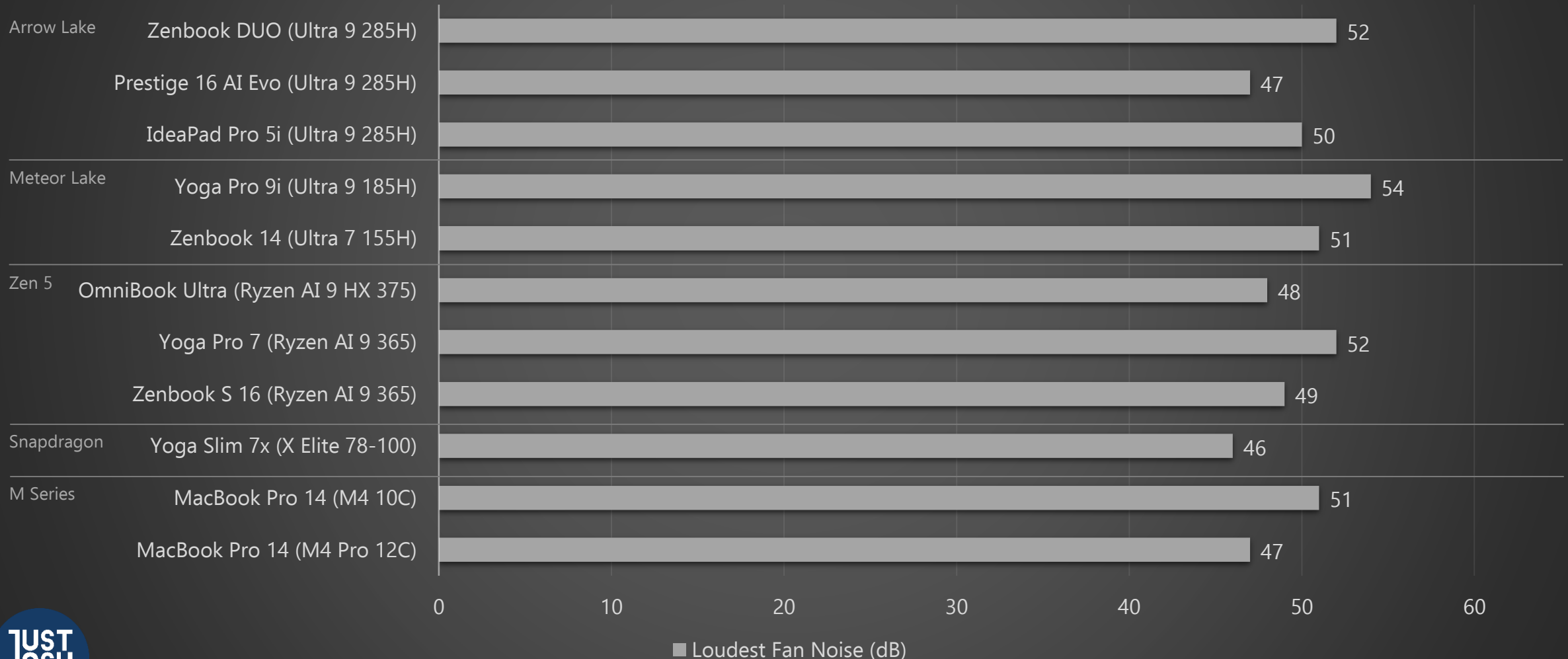
Heat You Feel - Cinebench 2024

Highest Performance Modes, Lower is Better



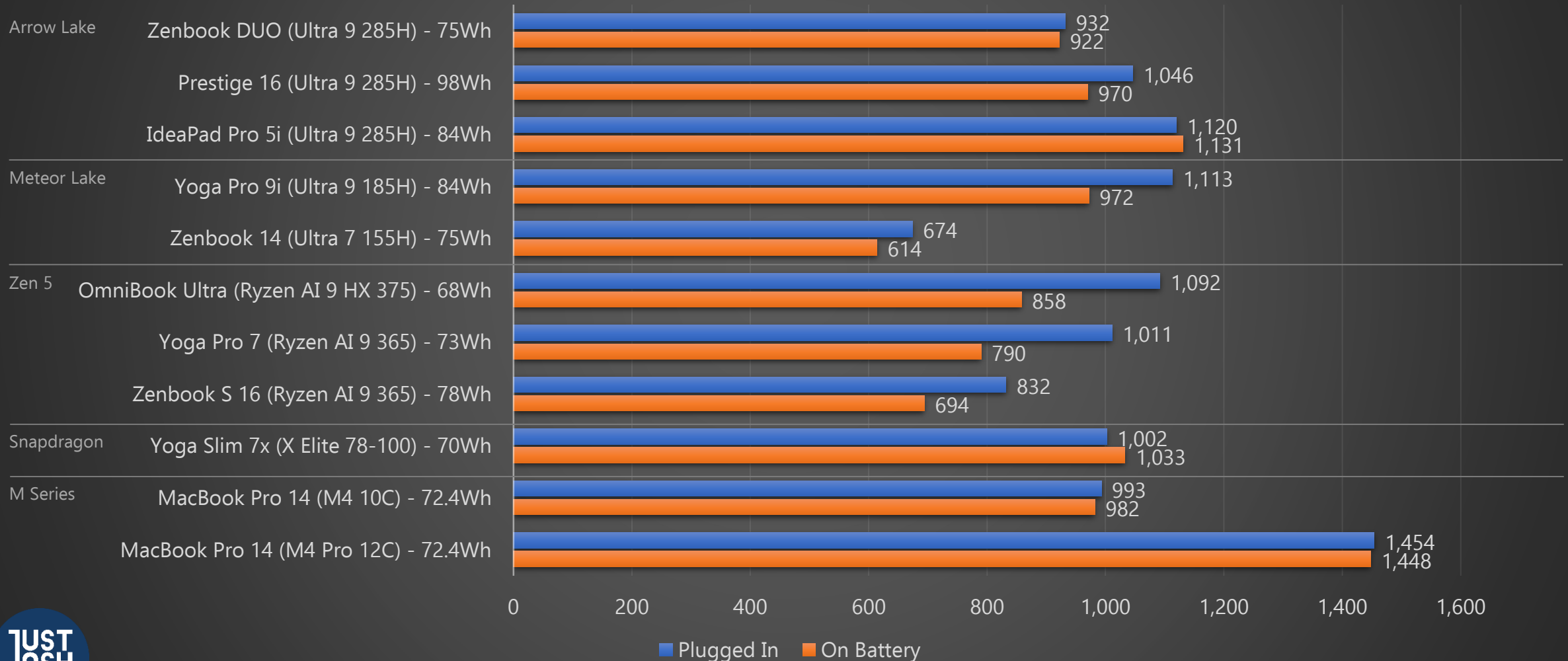
Fan Noise - Cinebench 2024

Highest Performance Modes, Lower is Better



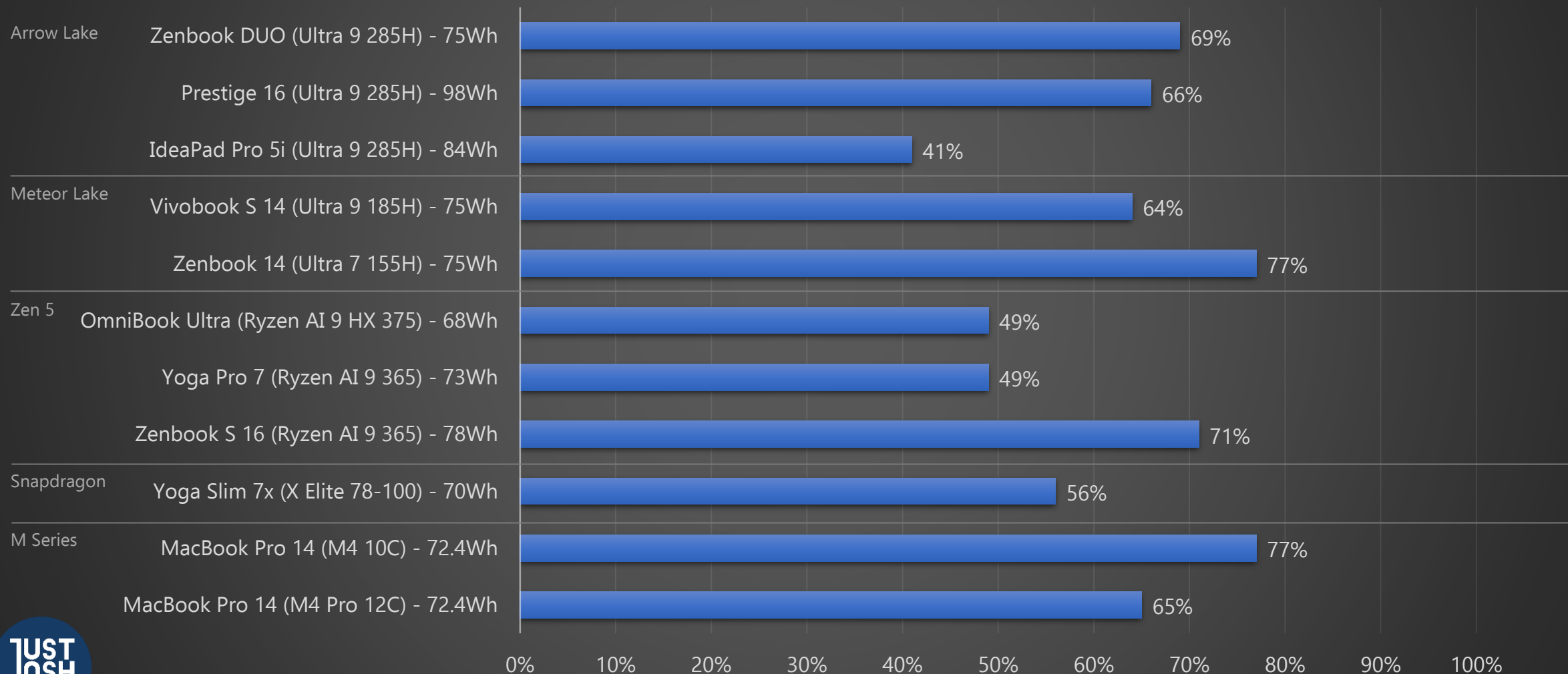
Performance on Battery - Cinebench 2024

Highest Performance Modes, Higher is Better



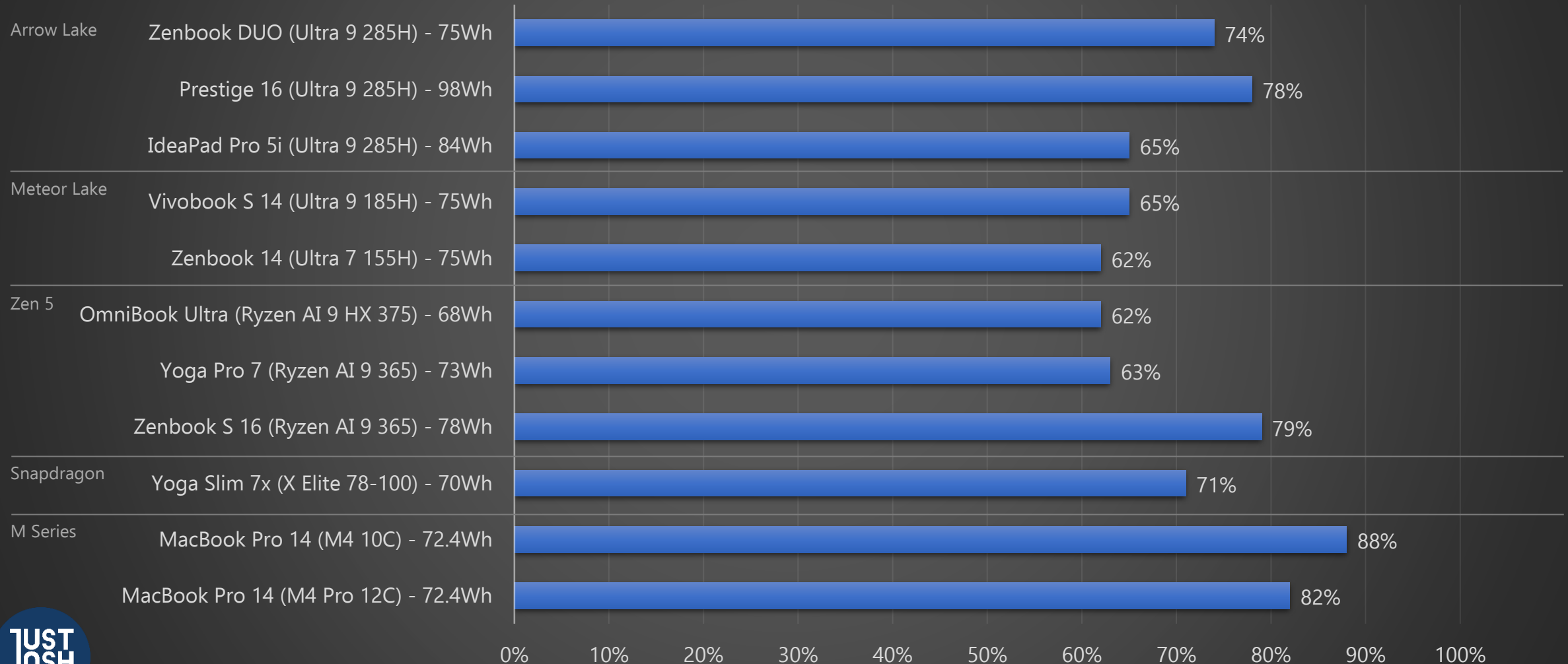
Battery Life for Performance Tasks

200 Nits, Higher is Better – Battery Remaining



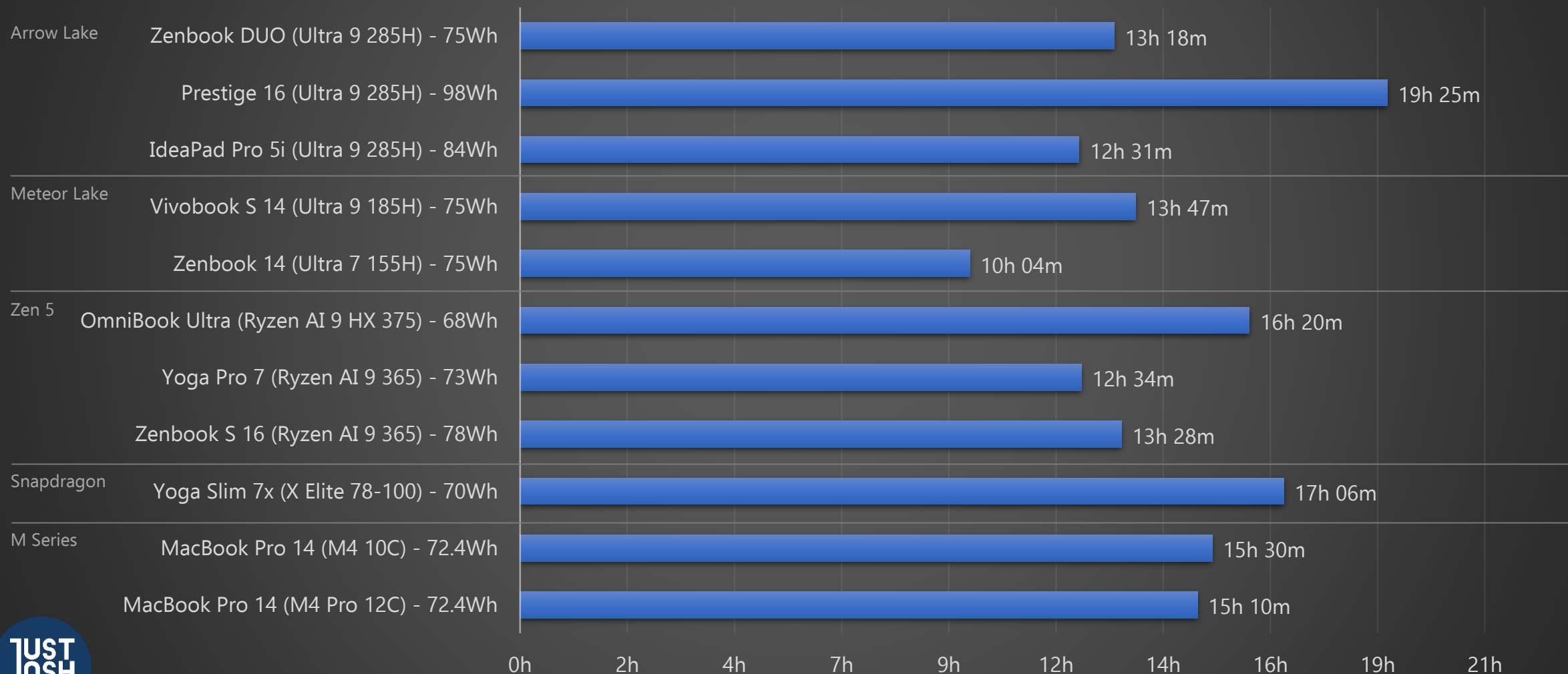
Battery Life for Video Playback with Wi-Fi

200 Nits, Higher is Better – Battery Remaining



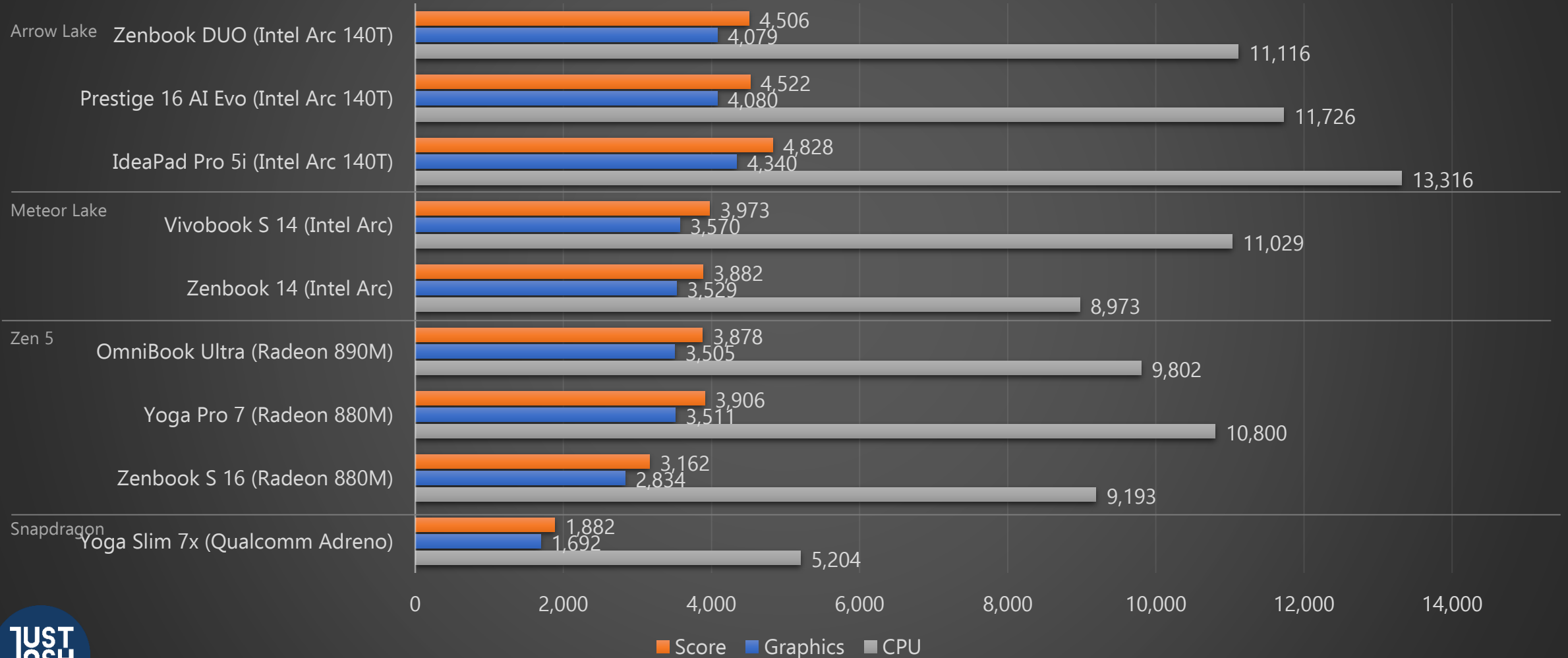
Battery Life for Video Playback

200 Nits, Higher is Better – Battery Duration



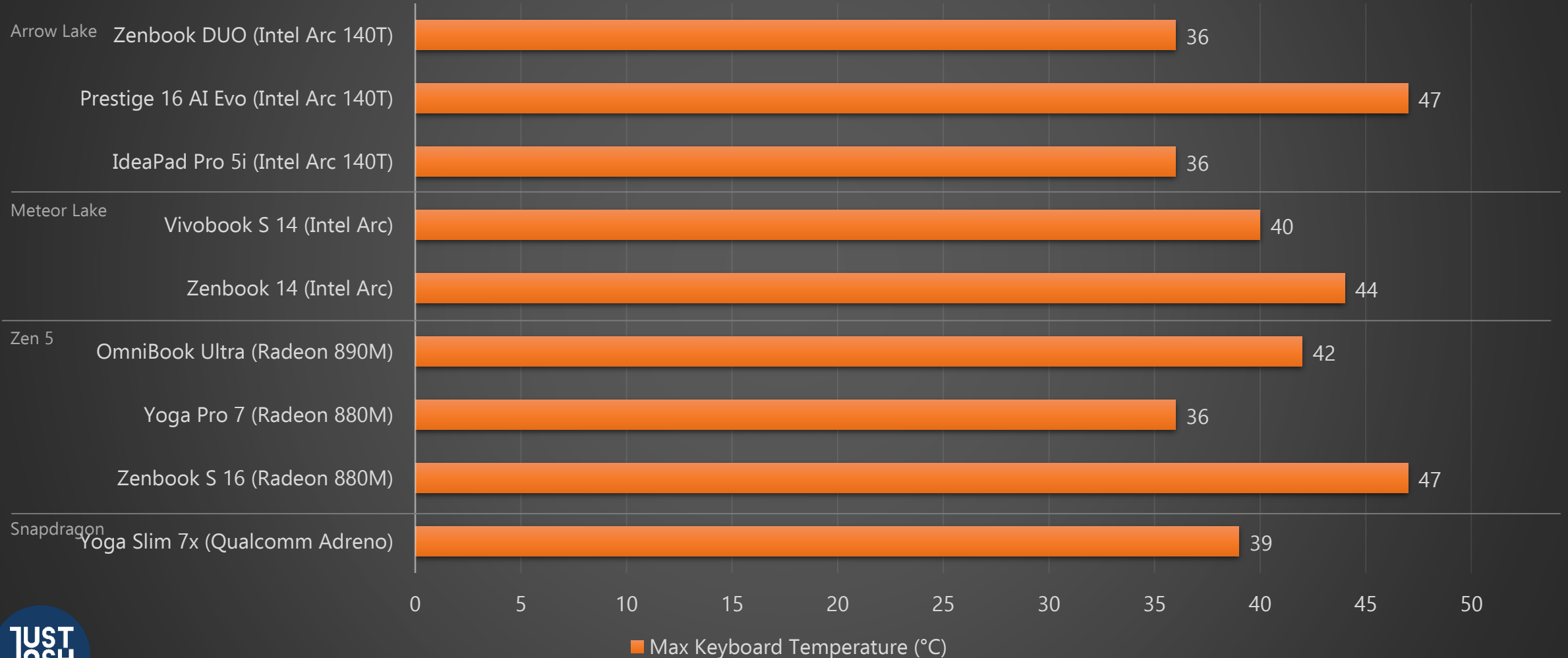
Timespy

Highest Performance Modes, Higher is Better



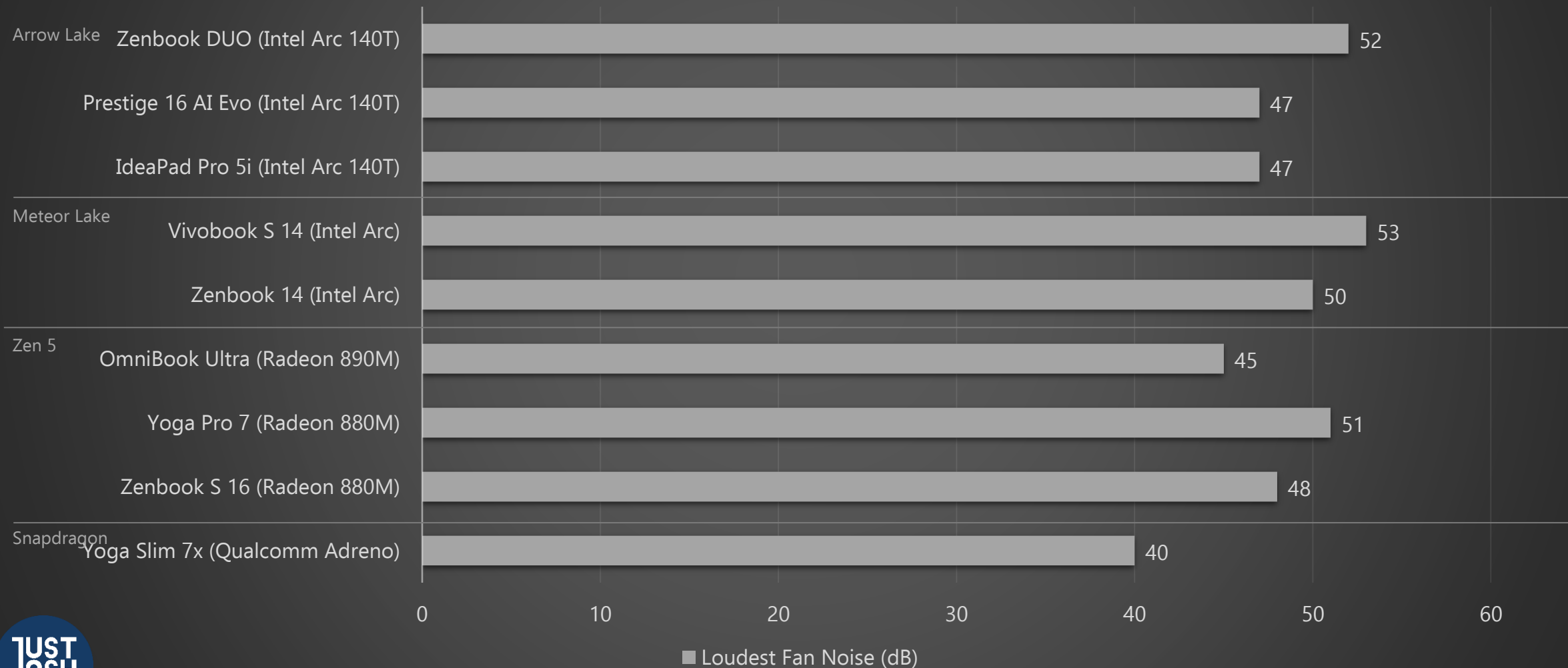
Timespy - Temperatures

Highest Performance Modes, Lower is Better



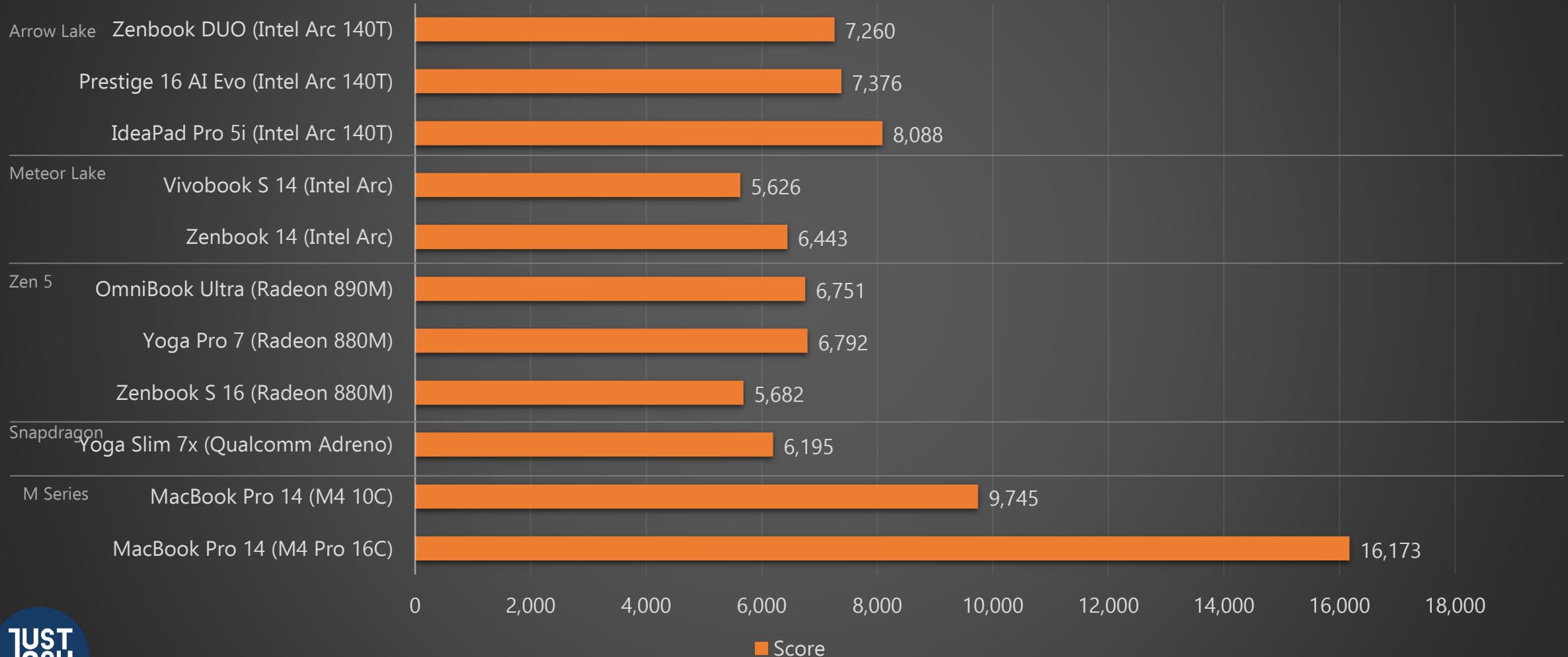
Timespy - Fan Noise

Highest Performance Modes, Lower is Better



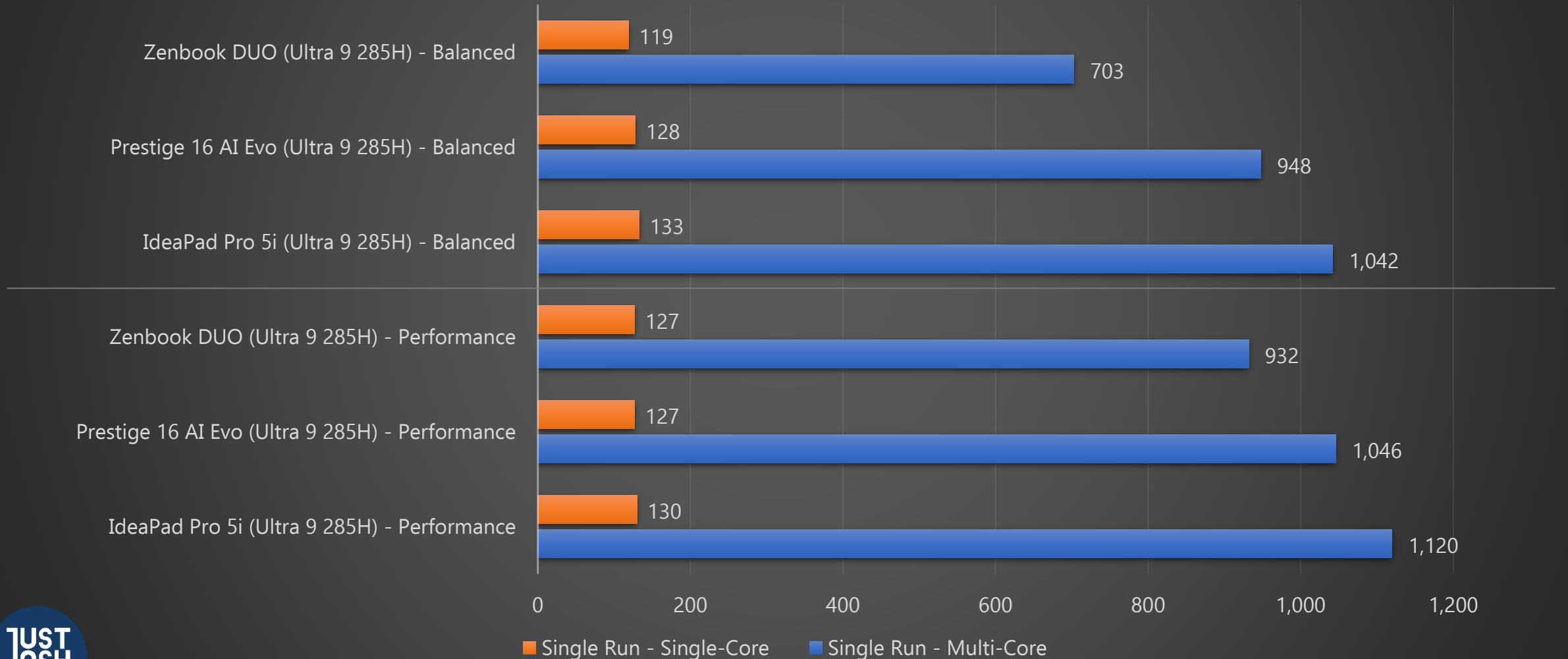
3DMark - Wildlife Extreme

Highest Performance Modes, Higher is Better



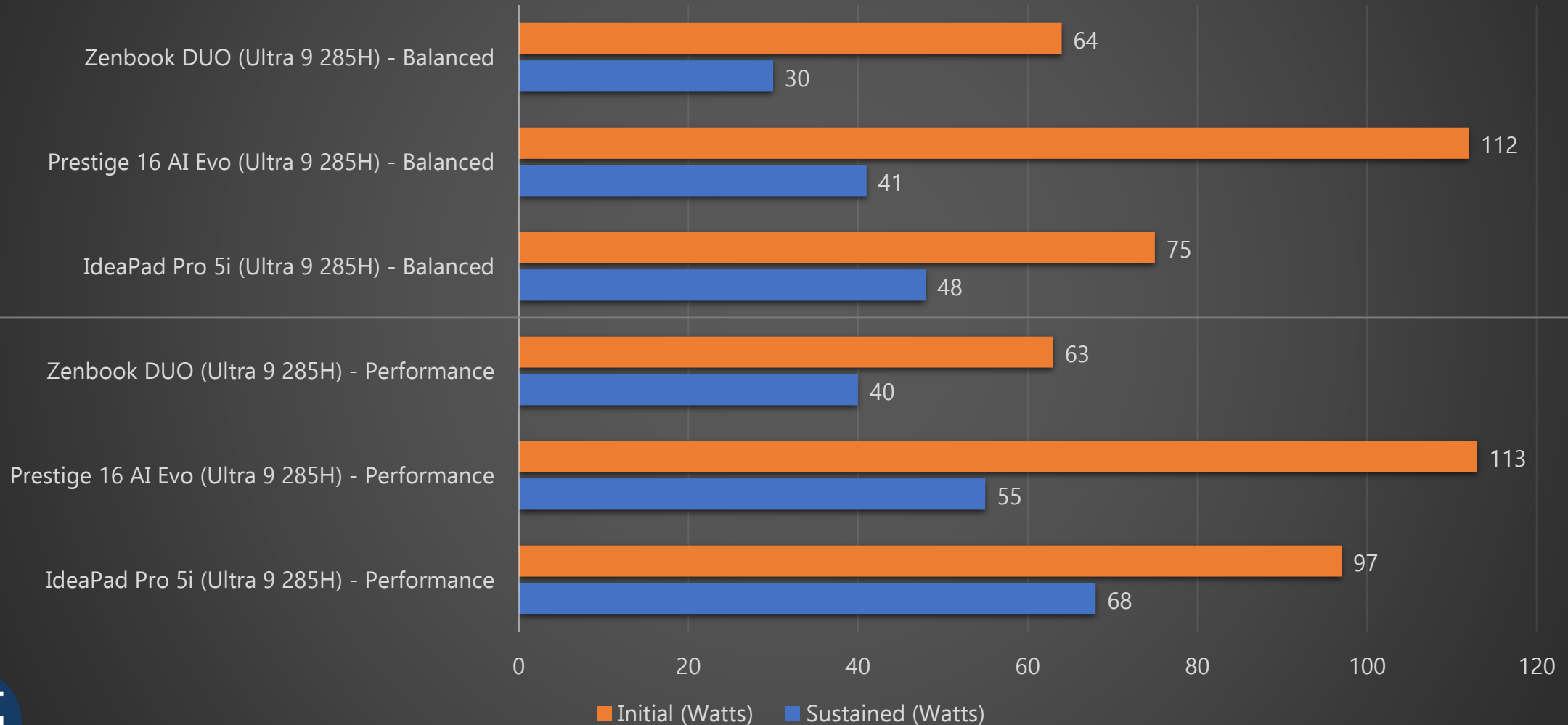
Max CPU Performance - Cinebench 2024

Performance Modes, Higher is Better



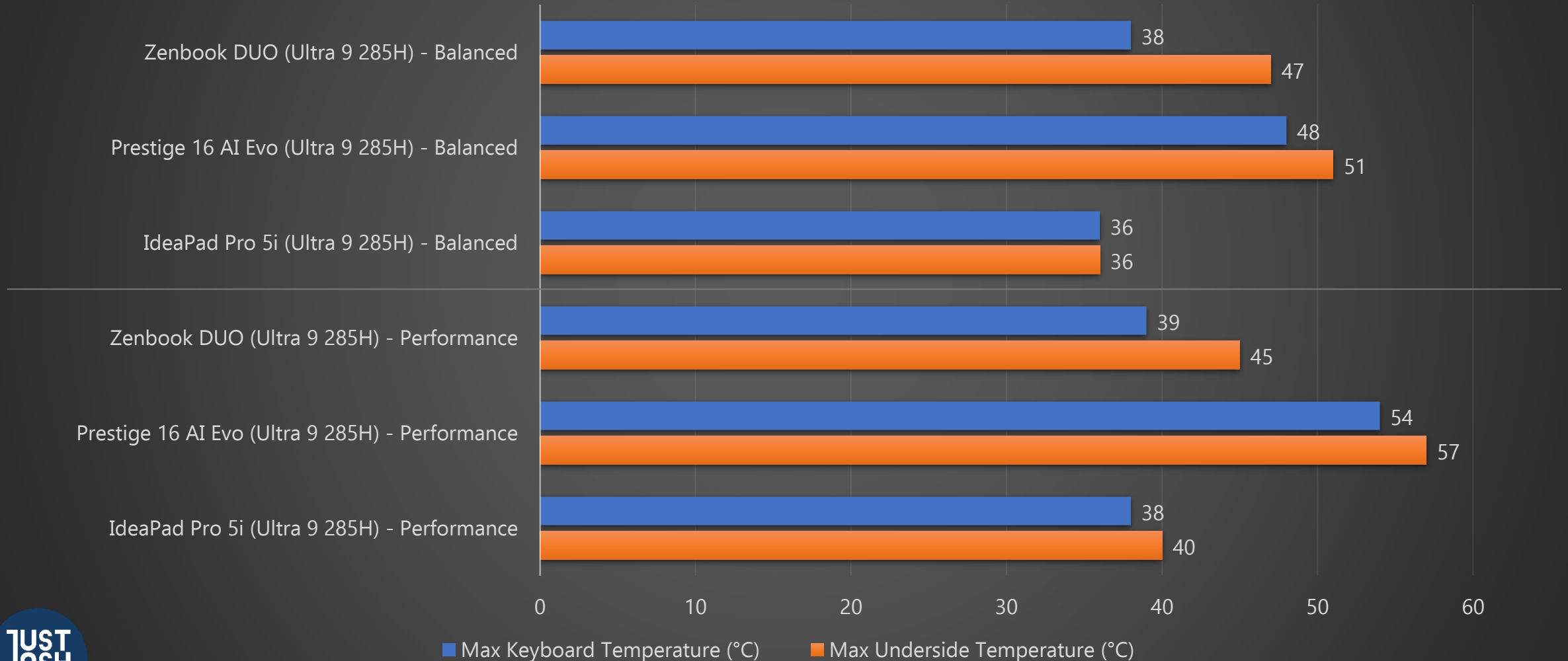
Power Draw - Cinebench 2024

Performance Modes, Lower is Better



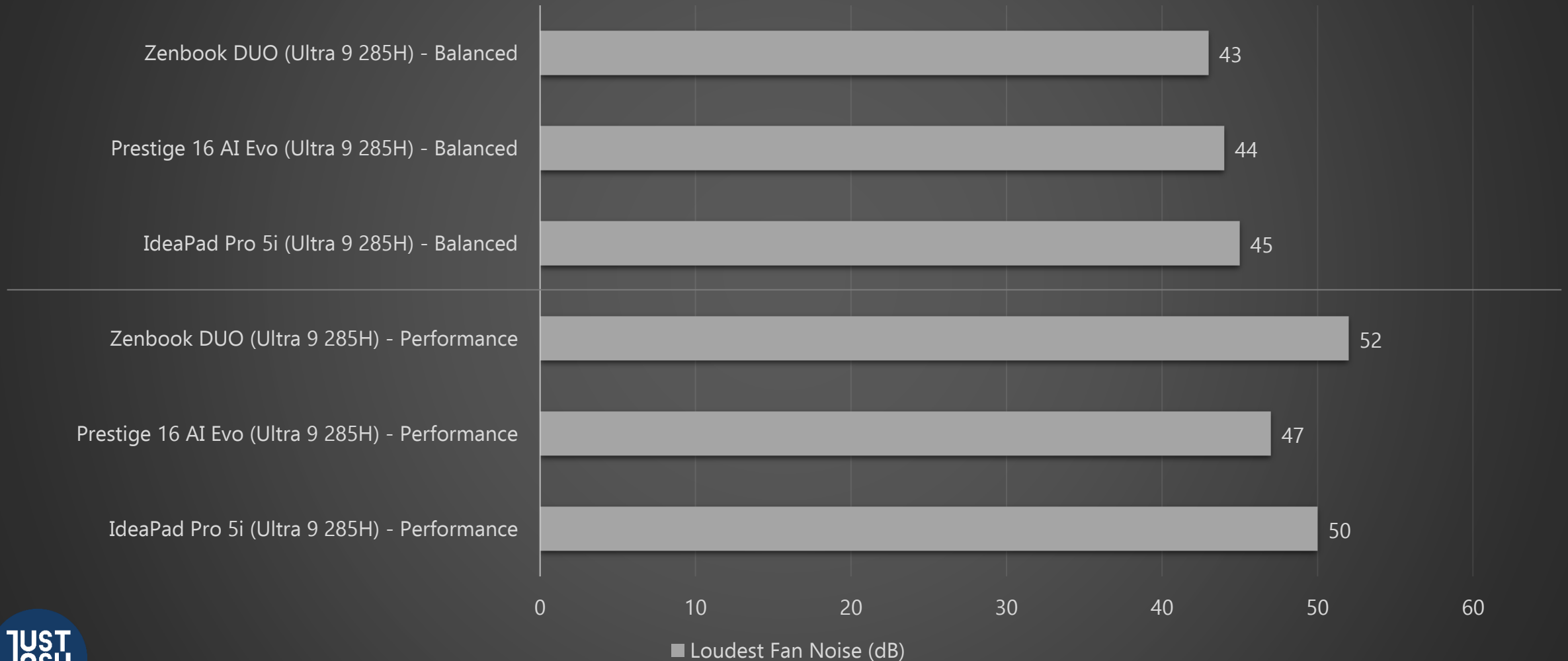
Heat You Feel - Cinebench 2024

Performance Modes, Lower is Better

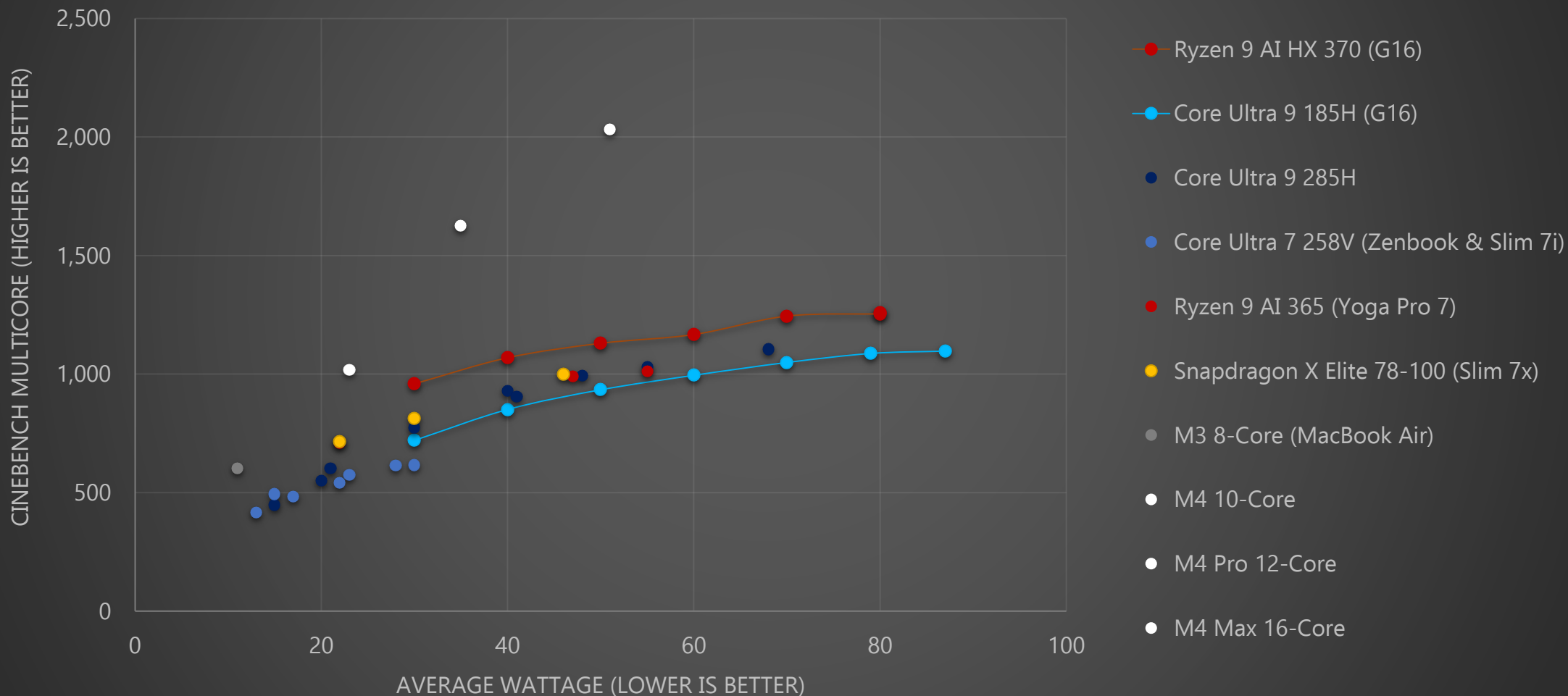


Fan Noise - Cinebench 2024

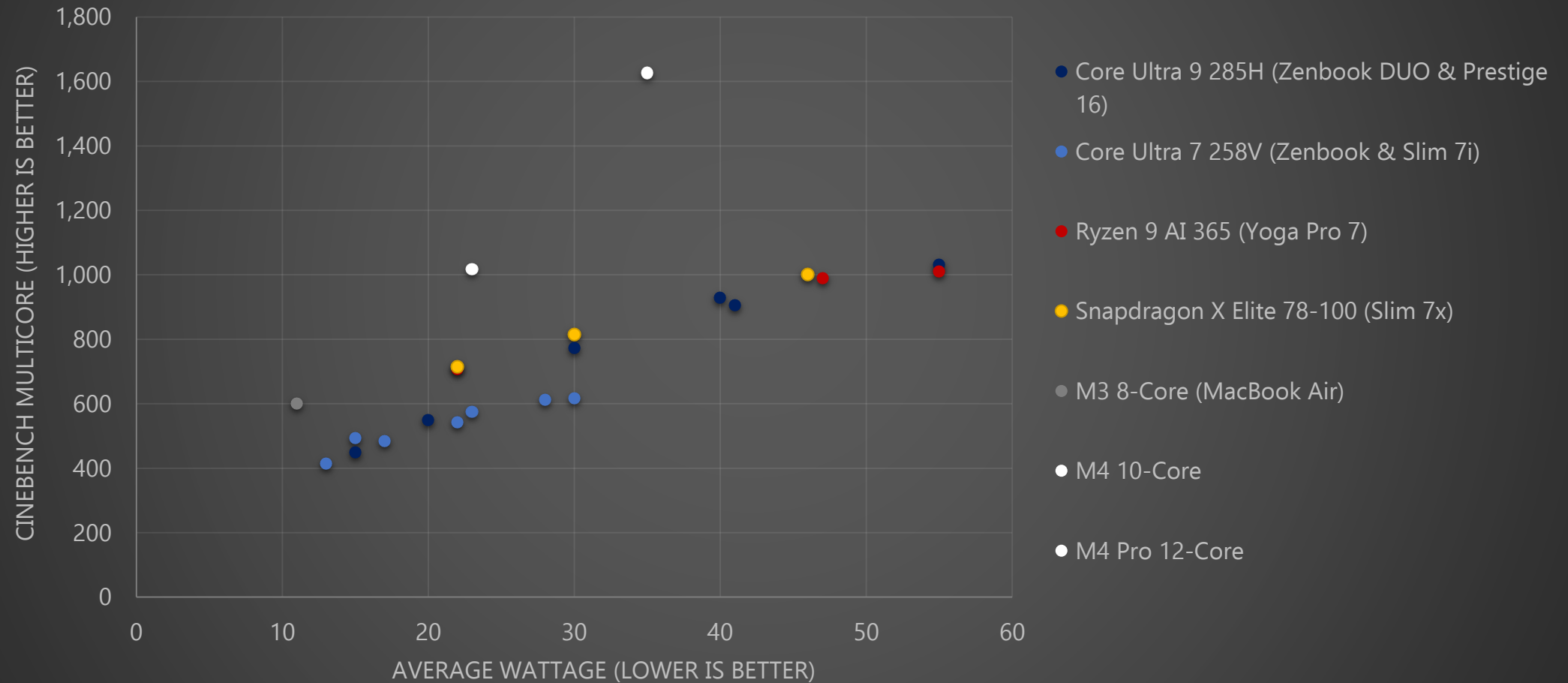
Performance Modes, Lower is Better



Cinebench Performance by Power Draw



Cinebench Performance by Power Draw



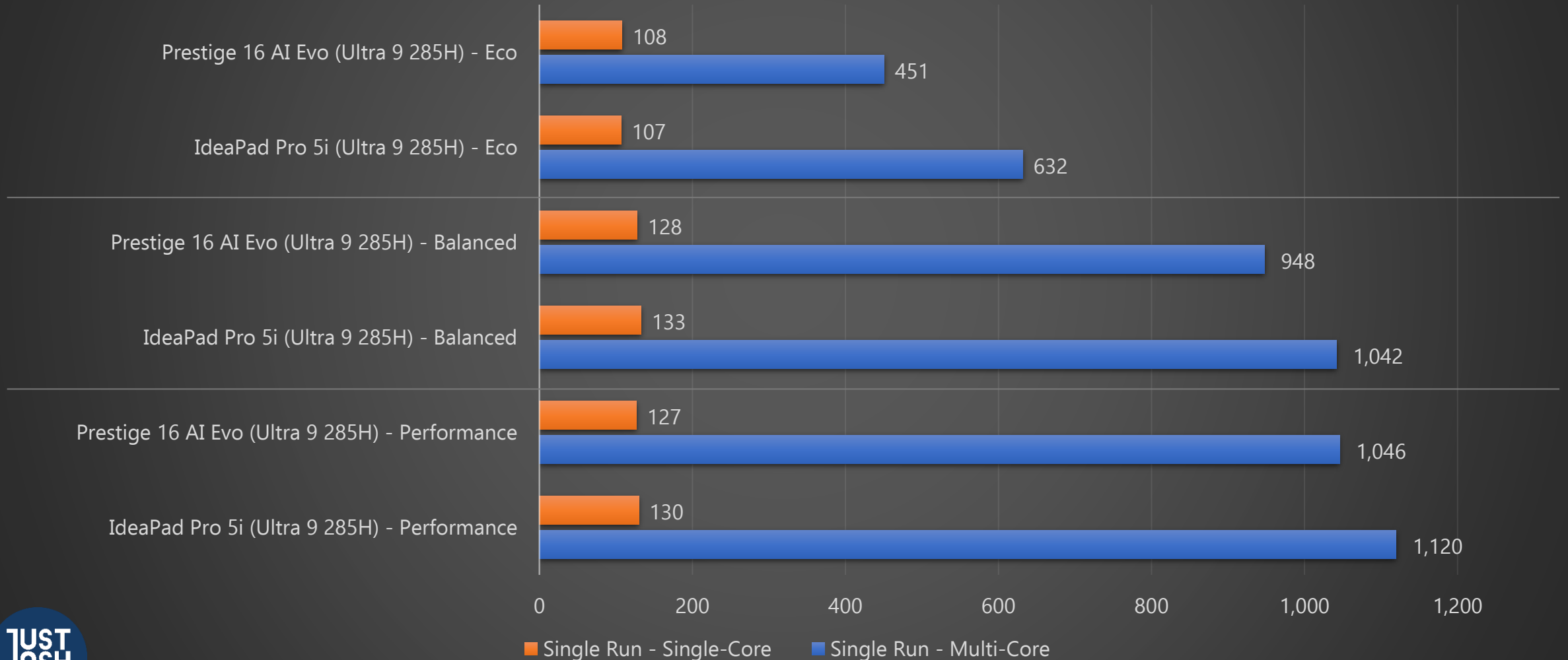


Processor Comparison

CPU	Cores	Threads	P Cores	E Cores	Max GHz	Default TDP	TDP	Cache	Graphics	Max Temp (C)	Process Technology	Memory (Up To)	NPU TOPS
Core™ Ultra 9 285H	16	16	6	8+2	5.4	28 W	28-115 W	24 MB	Intel Arc™ 140T	110	TSMC 3nm	DDR5 6400 MT/s, LPDDR5/x 8400 MT/s	13
Core™ Ultra 9 185H	16	16	6	8+2	5.1	45 W	35-115 W	24 MB	Intel Arc™ Graphics	110	Intel 4	DDR5 5600 MT/s LPDDR5/x 7467 MT/s	11
Core™ Ultra 7 155H	16	16	6	8+2	4.8	28 W	20-115 W	24 MB	Intel Arc™ Graphics	100	Intel 4	DDR5 5600 MT/s LPDDR5/x 7467 MT/s	11
Core™ Ultra 7 258V	8	8	4	4	4.8	17 W	8-37 W	12 MB	Intel Arc™ 140V	100	TSMC 3nm	LPDDR5X 8533 MT/s	48
Core™ 5 220U	10	12	2	8	5	15 W	12-55 W	12 MB	Intel Graphics	100	Intel 7	DDR5 5200 MT/s LPDDR5/x 6400 MT/s	N/A
AMD Ryzen™ AI 9 HX 375	12	24	4	8	5.1	28 W	15-54 W	36 MB	Radeon™ 890M	100	TSMC 4nm	DDR5 5600 MT/s, LPDDR5x 7500 MT/s	50
AMD Ryzen™ AI 9 HX 370	12	24	4	8	5.1	28 W	15-54 W	36 MB	Radeon™ 890M	100	TSMC 4nm	DDR5 5600 MT/s, LPDDR5x 7500 MT/s	50
AMD Ryzen™ AI 9 365	10	20	4	6	5	28 W	15-54 W	34 MB	Radeon™ 880M	100	TSMC 4nm	DDR5 5600 MT/s, LPDDR5x 7500 MT/s	50
Snapdragon X Elite (84-100)	12	12	12	N/A	4.2	N/A	80 W	42 MB	Adreno X1-85	100	TSMC 4nm	LPDDR5x 8448 MT/s	45
Snapdragon X Elite (78-100)	12	12	12	N/A	3.4	N/A	45 W	42 MB	Adreno X1-85	100	TSMC 4nm	LPDDR5x 8448 MT/s	45
Apple M4 Max	16	16	12	4	4.51	N/A	90 W	TBC	40-Core	TBC	TSMC 3nm	LPDDR5x 7500 MT/s 546 GB/s	38
Apple M4 Max	14	14	10	4	4.51	N/A	80 W	TBC	32-Core	TBC	TSMC 3nm	LPDDR5x 7500 MT/s 410 GB/s	38
Apple M4 Pro	14	14	10	4	4.51	N/A	40 W	TBC	20-Core	TBC	TSMC 3nm	LPDDR5x 7500 MT/s 273 GB/s	38
Apple M4 Pro	12	12	8	4	4.51	N/A	36 W	TBC	16-Core	TBC	TSMC 3nm	LPDDR5x 7500 MT/s 273 GB/s	38
Apple M4	10	10	4	6	4.46	N/A	40 W	TBC	10-Core	TBC	TSMC 3nm	LPDDR5x 7500 MT/s 120 GB/s	38

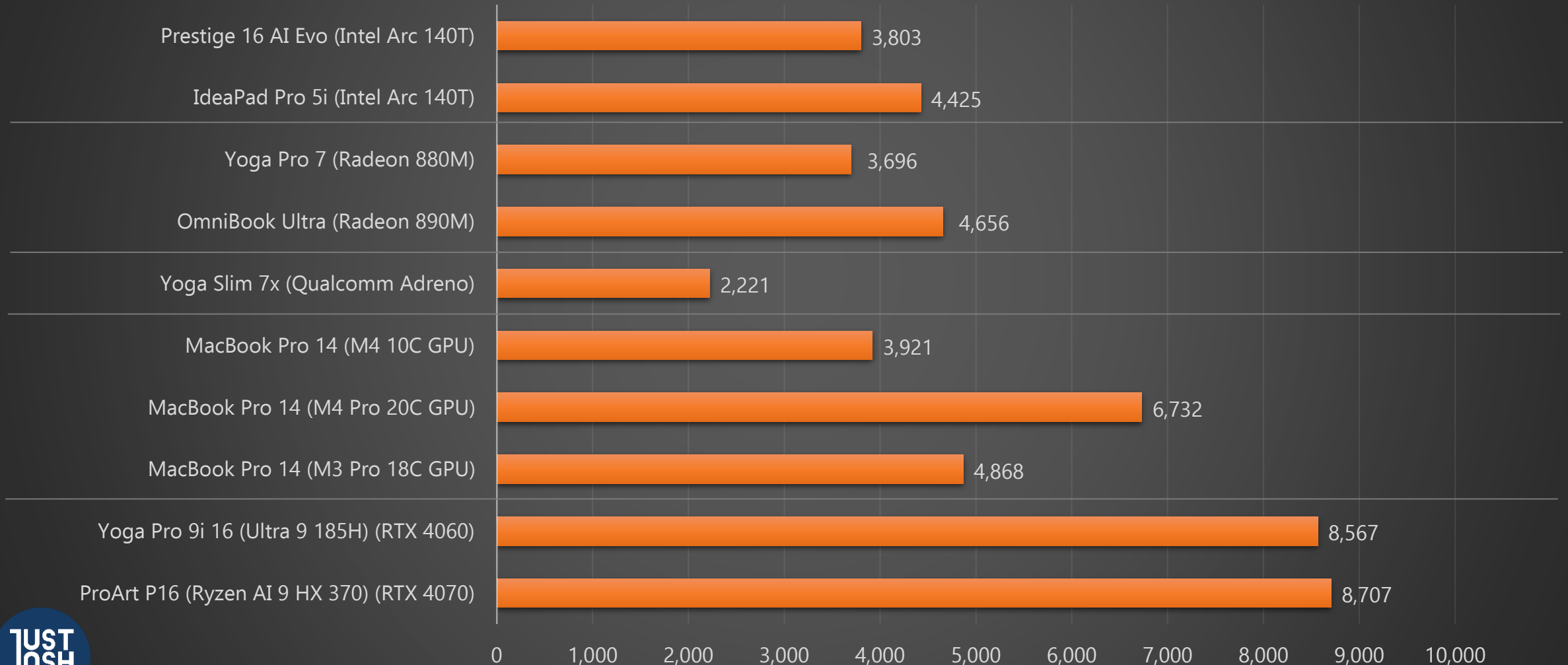
Max CPU Performance - Cinebench 2024

Performance Modes, Higher is Better



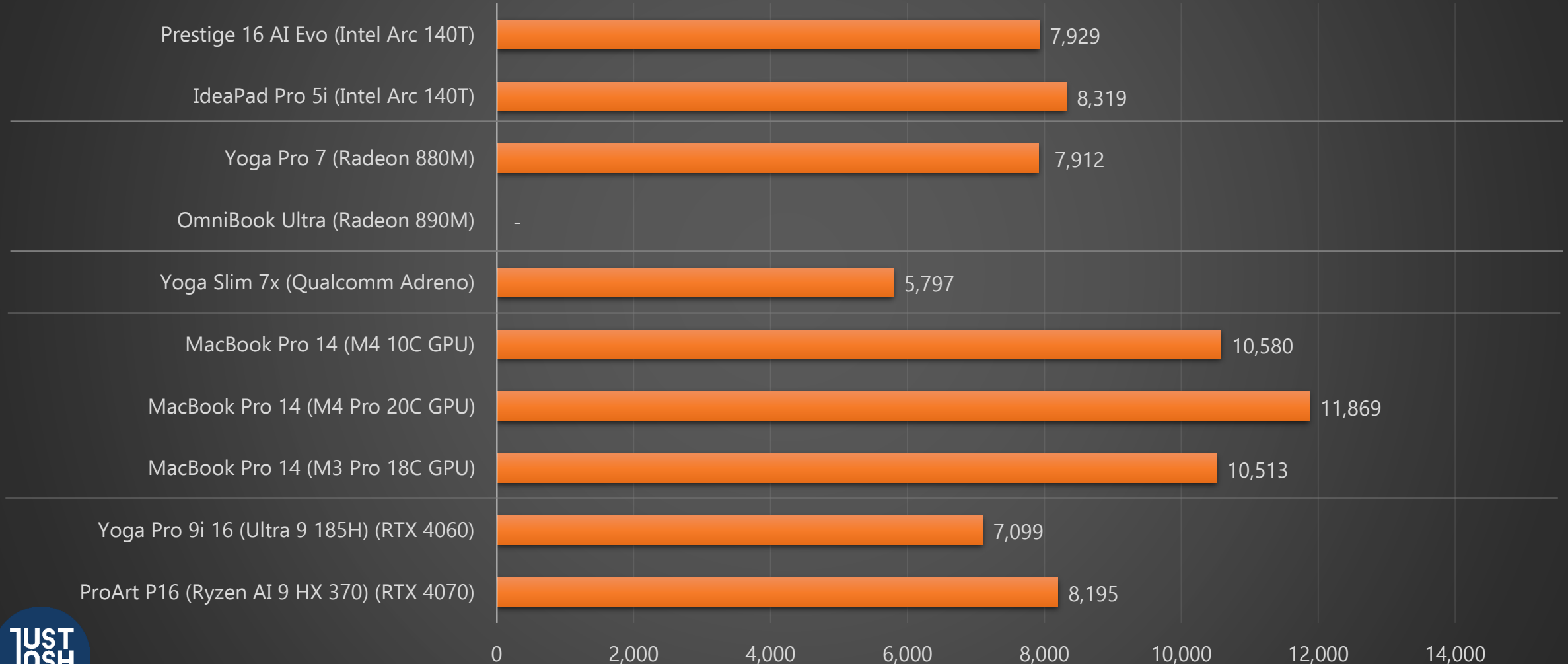
PugetBench - Premiere Pro

Highest Performance Modes, Higher is Better



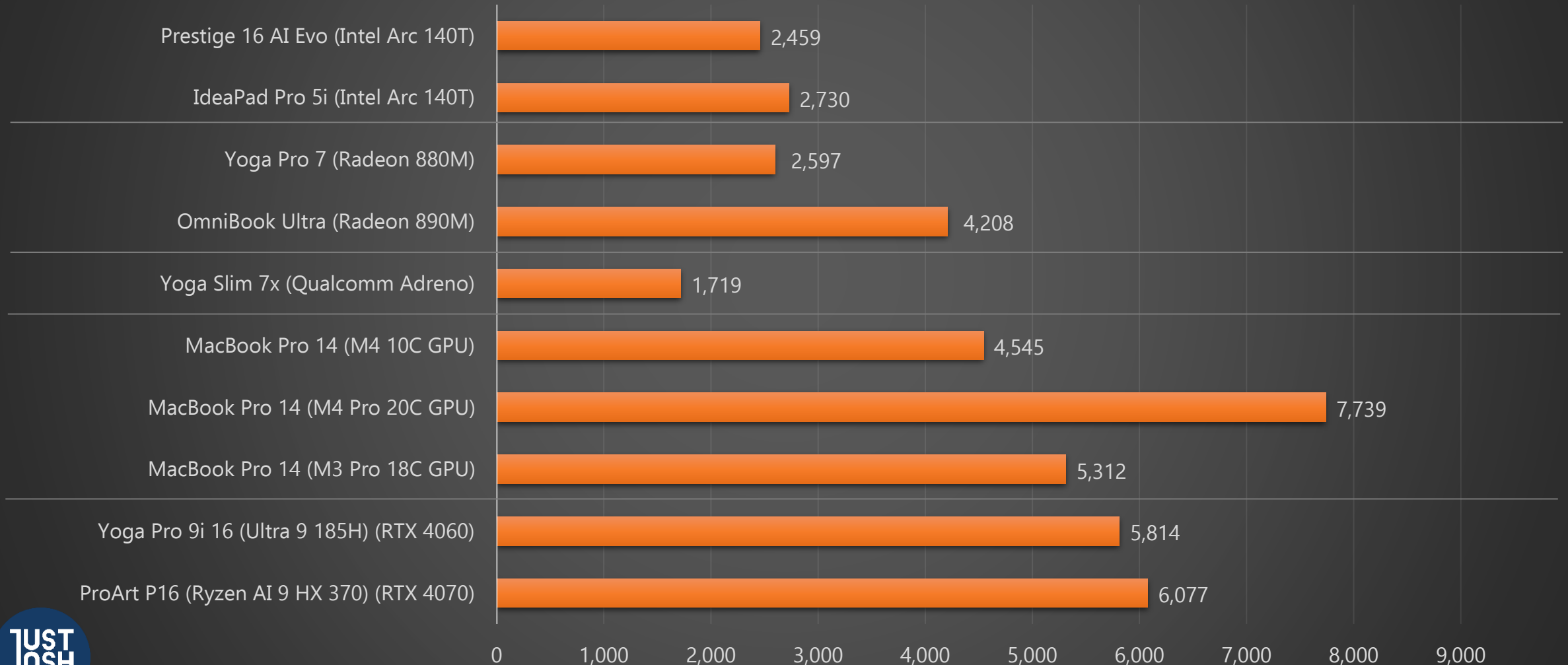
PugetBench - Photoshop

Highest Performance Modes, Higher is Better



PugetBench - DaVinci Resolve Studio

Highest Performance Modes, Higher is Better



Frames Per Second - Forza Horizon 5

2880 x 1800, Medium Settings, Higher is Better

