Kuuube's Tablet Buying Guide

All tablets on their respective lists are listed in order of best to worst raw performance. In cases of considerable tradeoffs in specs, the tablet with a higher Price/Performance Ranking will be placed higher. For tablets with a range of Targeted Prices, the average of that range is used for the Price/Performance Ranking.

Each category's Price/Performance rankings are separate. Tablets with the same Price/Performance in different categories are not equal. Refer to the Performance Ranking and other specs when comparing between categories.

Check the Targeted Price of tablets before buying. Secondhand options and some brand new options may be wildly more or less expensive than the Targeted Price. These differences can cause the price to performance ratings to change dramatically.

Check tablet sizing before you buy. Most players will be best with small size. Price to performance assumes you will use an area larger than smaller tablets. Do not buy a medium or large tablet if you do not need that area size.

If you wrap your pen, apply grip tape covering the pen's button rocker/cover, or make similar modifications, you must remove the button rocker/cover first. Issues that could occur from improper modifications are not noted in this guide.

Brand New Low Budget Options

Brand	Model Identifier	Recommendation	Price/Performance Ranking	Targeted Price	Performance Ranking	Size	Hardware Smoothing	Hover Distance	Surface Feel	Additional Relevant Product Information
Gaomon	S620	Highly Recommended	10/10	25-40 USD	B		S	Minimal	Low	Low Friction	Input dropping when pressing pen side buttons and firmware version can be upgraded or downgraded.
XP-pen	G640 Rev A	Usually Not Recommended	6/10	40 USD	B		S	Minimal	Low	Low Friction	Angle snapping issues, may be unreliable to buy (G640 Rev A and G640 Rev B may not be differentiated), and input dropping when pressing pen side buttons.
Veikk	S640	Usually Not Recommended	7/10	20-35 USD	C		S	More than minimal	Low	Low Friction	May be unreliable to buy, input dropping when pressing pen side buttons, and non-detachable cable.
Veikk	VO1060	Usually Not Recommended	7/10	35-50 USD	C		M	More than minimal	Medium	Low Friction	Input dropping when pressing pen side buttons and report rate may drop to 40hz when moving slowly.
Veikk	S640 V2	Not Recommended	5/10	20-35 USD	C		S	More than minimal	Low	Low Friction	Input dropping when pressing pen side buttons, non-detachable cable, and report rate may drop to 40hz when moving slowly.
Huion	H420X	Not Recommended	4/10	25 USD	C		XS	Decent	Medium	Low Friction	Input dropping when pressing pen side buttons.
XP-pen	G430 or G430S	Not Recommended	4/10	30 USD	C		XS	Decent	Medium	Low Friction	Angle snapping issues, input dropping when pressing pen side buttons and non-detachable cable.
XP-pen	Deco Fun XS	Not Recommended	4/10	25-30 USD	C		XS	Decent	Medium	Low Friction	Input glitching and dropping when pressing pen side buttons, strong anti-chatter (lessened when dragging), and surface prone to loud squeaking when dragging on it.
Gaomon	S630	Highly Not Recommended	3/10	30-35 USD	C		XS	Bad	Low	Low Friction	Input dropping when pressing pen side buttons.
Gaomon	S830	Highly Not Recommended	3/10	35-40 USD	C		S	Bad	Low	Low Friction	Input dropping when pressing pen side buttons.
Xenx	P1-640	Highly Recommended	2/10	25-30 USD	D		S	Bad	Low	Low Friction	Input dropping when pressing pen side buttons.
XP-pen	G640S	Highly Not Recommended	1/10	50 USD	D		S	Bad	Low	Low Friction	Angle snapping issues and input dropping when pressing pen side buttons.
XP-pen	G640 Rev B	Highly Not Recommended	1/10	40 USD	D		S	Bad	Low	Low Friction	Input dropping when pressing pen side buttons.
Huion	H564	Highly Not Recommended	1/10	30-40 USD	D		S	Bad	Low	Low Friction	Input dropping when pressing pen side buttons.
Huion	420 or H420	Extremely Highly Not Recommended	0/10	20-35 USD	F		XS	Bad	Medium	Low Friction	Battery pen, and input dropping when pressing pen side buttons.
Huion	H640P	Extremely Highly Not Recommended	0/10	30-40 USD	F		S	Very Bad	Low	Low Friction	Input dropping when pressing pen side buttons.
Huion	H430P	Extremely Highly Not Recommended	0/10	30-40 USD	E		S	Very Bad	Low	Low Friction	Input dropping when pressing pen side buttons.
Xenx	X1-640	Extremely Highly Not Recommended	0/10	25-30 USD	F		S	Very Bad	Low	Low Friction	Input dropping when pressing pen side buttons.

Secondhand Low Budget Options

Brand	Model Identifier	Recommendation	Price/Performance Ranking	Targeted Price	Performance Ranking	Size	Hardware Smoothing	Hover Distance	Surface Feel	Additional Relevant Product Information
Wacom	CTL-471	Highly Recommended	9/10	35-45 USD	A		S	None	High	Low Friction	
Wacom	CTL/H-480	Recommended For Low Budget	7/10	35-45 USD	A		S	None	High	Mid Friction	May have minor EMR noise issues (this causes your cursor to shake more).
Wacom	CTL/H-470	Highly Recommended	10/10	20-30 USD	A		S	None	Medium	High Friction	
Wacom	CTH-461	Highly Recommended	9.5/10	20-30 USD	A		S	None	Low	Low Friction	Non-detachable cable.
Wacom	CTL/H-460	Recommended	9/10	20-30 USD	A		S	None	Medium	High Friction	Non-detachable cable.
Wacom	CTH-661	Highly Recommended	10/10	20-30 USD	A		M	None	Medium	Low Friction	Non-detachable cable.
Wacom	CTL/H-490	Extremely Highly Not Recommended	2/10	20-30 USD	C		S	Bad	Medium	High Friction	Hardware smoothing is disabled when pen pressure is detected, and glitchy hover/drag transition.

Brand New Mid Budget Options

Brand	Model Identifier	Recommendation	Price/Performance Ranking	Targeted Price	Performance Ranking	Size	Hardware Smoothing	Hover Distance	Surface Feel	Additional Relevant Product Information
Wacom	CTL-472	Highly Recommended	10/10	50-60 USD	A		S	None	Medium	High Friction	Under rare conditions, may have input dropping or jumping when pressing pen side buttons.
Wacom	CTL-672	Highly Recommended	10/10	70-90 USD	A		M	None	Medium	High Friction	May have issues reporting correct hover distance measurements and under rare conditions, may have input dropping or jumping when pressing pen side buttons.
Wacom	CTC-4110WL	Highly Not Recommended	2/10	90-130 USD	B		S	Minimal	High	Mid Friction	Slight input glitching, report rate dropping when pressing pen side buttons, and horrible glitchy pressure (this is bad for drawing).
Wacom	CTL-4100	Extremely Highly Not Recommended	1/10	70-80 USD	C		S	Bad	High	High Friction	Hardware smoothing is disabled when pen pressure is detected, minor anti-chatter remains.

Secondhand Mid Budget Options

Brand	Model Identifier	Recommendation	Price/Performance Ranking	Targeted Price	Performance Ranking	Size	Hardware Smoothing	Hover Distance	Surface Feel	Additional Relevant Product Information
Wacom	PTH/K-450	Recommended	7/10	80-100 USD	A		S	None	High	Mid Friction	Boosted report rate compared to consumer line wacom tablets.
Wacom	PTK-440	Highly Recommended	10/10	50-60 USD	S		S	None	High	Mid Friction	Boosted report rate compared to consumer line wacom tablets.
Wacom	PTH-451	Recommended	7/10	80-100 USD	S		S	None	High	Mid Friction	Boosted report rate compared to consumer line wacom tablets, may have minor EMR noise issues (this causes your cursor to shake more).
Wacom	PTK-640	Highly Recommended	10/10	70-100 USD	S		M	None	High	Mid Friction	Boosted report rate compared to consumer line wacom tablets.
Wacom	CTL/H-480	Not Recommended For Mid Budget	4/10	70-100 USD	A		S	None	High	Mid Friction	May have minor EMR noise issues (this causes your cursor to shake more).
Wacom	CTL-671	Highly Recommended	10/10	60-70 USD	A		M	None	High	Low Friction	
Wacom	CTL/H-670	Recommended	10/10	50-60 USD	A		M	None	Medium	Low Friction	
Wacom	CTH-680	Not Recommended	5/10	90-120 USD	A		M	None	Medium	High Friction	May have minor EMR noise issues (this causes your cursor to shake more).
Wacom	CTL/H-690	Extremely Highly Not Recommended	1/10	70-90 USD	C		M	Bad	Medium	High Friction	Hardware smoothing is disabled when pen pressure is detected, and glitchy hover/drag transition.

Brand New High Budget Options

Brand	Model Identifier	Recommendation	Price/Performance Ranking	Targeted Price	Performance Ranking	Size	Hardware Smoothing	Hover Distance	Surface Feel	Additional Relevant Product Information
Wacom	PTH-460	Usually Not Recommended	5/10	250 USD	S+		S	None	Extremely High	Low Friction	Boosted report rate compared to consumer line wacom tablets, and extremely minor anti-chatter on hover.
Wacom	PTH-660	Usually Not Recommended	5/10	350 USD	S+		M	None	Extremely High	Low Friction	Boosted report rate compared to consumer line wacom tablets, and extremely minor anti-chatter on hover.
Wacom	PTH-860	Usually Not Recommended	5/10	400-500 USD	S+		L	None	Extremely High	Low Friction	Boosted report rate compared to consumer line wacom tablets, and extremely minor anti-chatter on hover.
XP-pen	Deco Pro MW Gen2	Extremely Highly Not Recommended	0/10	140 USD	D		M	Bad	High	Low Friction	Hardware smoothing changes to Decent and anti-chatter is disabled when pen pressure is detected, horrible anti-chatter when hovering low, and glitchy hover/drag transition.
XP-pen	Deco Pro LW Gen2	Extremely Highly Not Recommended	0/10	170 USD	D		M+	Bad	High	Low Friction	Hardware smoothing changes to Decent and anti-chatter is disabled when pen pressure is detected, horrible anti-chatter when hovering low, and glitchy hover/drag transition.
XP-pen	Deco Pro XLW Gen2	Extremely Highly Not Recommended	0/10	200 USD	D		L+	Bad	High	Low Friction	Hardware smoothing changes to Decent and anti-chatter is disabled when pen pressure is detected, horrible anti-chatter when hovering low, and glitchy hover/drag transition.
Wacom	CTC-6110WL	Not Recommended	1/10	140-165 USD	B		M	Minimal	High	Mid Friction	Slight input glitching, report rate dropping when pressing pen side buttons, and horrible glitchy pressure (this is bad for drawing).
Wacom	CTL-6100	Extremely Highly Not Recommended	0/10	200 USD	C		M	Bad	High	High Friction	Hardware smoothing is disabled when pen pressure is detected, minor anti-chatter remains.
Xencelabs	Pen Tablet Small	Extremely Highly Not Recommended	0/10	200 USD	F		S	None	High	Low Friction	Input dropping and angle snapping when pressing pen side buttons, glitchy hover/drag transition, and low pressure scan rate (this causes fast presses not to be detected).

Secondhand High Budget Options

Brand	Model Identifier	Recommendation	Price/Performance Ranking	Targeted Price	Performance Ranking	Size	Hardware Smoothing	Hover Distance	Surface Feel	Additional Relevant Product Information
Wacom	PTH-451	Not Recommended For High Budget	5/10	150-200 USD	S		S	None	High	Mid Friction	Boosted report rate compared to consumer line wacom tablets, may have minor EMR noise issues (this causes your cursor to shake more).
Wacom	PTH-651	Recommended	8/10	120-175 USD	S		M	None	High	Mid Friction	Boosted report rate compared to consumer line wacom tablets.
Wacom	PTH/K-650	Recommended	7/10	110-200 USD	S		M	None	High	Mid Friction	Boosted report rate compared to consumer line wacom tablets.
Wacom	PTH-851	Recommended	8/10	230-300 USD	S		L	None	High	Mid Friction	Boosted report rate compared to consumer line wacom tablets.
Wacom	PTH/K-850	Recommended	9/10	130-250 USD	S		L	None	High	Mid Friction	Boosted report rate compared to consumer line wacom tablets.
Wacom	PTK-840	Recommended	10/10	120-175 USD	S		L	None	High	Mid Friction	Boosted report rate compared to consumer line wacom tablets.

Low Availability Secondhand Options

Some tablets are totally viable for osu! and can compete with some of the highest recommended listings but have very unreliable availability. Generalized listings of those tablets are shown here. For more detailed information on these tablets and other wacom tablets on this list check out Kuuube's Wacom Tablet Mastersheet.

Brand	Model Identifier	Recommendation	Price/Performance Ranking	Targeted Price	Performance Ranking	Size	Hardware Smoothing	Hover Distance	Surface Feel	Additional Relevant Product Information
Wacom	PTK-1240	Recommended For High Budget	?/10 (prices/availability vary)	? USD (prices vary)	S		XL	None	High	Mid Friction	Boosted report rate compared to consumer line wacom tablets and non-detachable cable.
Wacom	PTZ-x30/31W [1]	Recommended For Low-Mid Budget	?/10 (prices/availability vary)	? USD (prices vary)	S		All	None	High	Low or Mid Friction	Boosted report rate compared to consumer line wacom tablets and non-detachable cable.
Wacom	XD-xxxx-U [2]	Recommended For Low-Mid Budget	?/10 (prices/availability vary)	? USD (prices vary)	S		All	None	High	Low or Mid Friction	Boosted report rate compared to consumer line wacom tablets and non-detachable cable.
Wacom	GD-xxxx-U [3]	Recommended For Low-Mid Budget	?/10 (prices/availability vary)	? USD (prices vary)	S		All	None	High	Low or Mid Friction	Boosted report rate compared to consumer line wacom tablets and non-detachable cable.
Wacom	CTE-x60 [4]	Recommended For Low Budget	?/10 (prices/availability vary)	? USD (prices vary)	A		S/M	None	Low	Unknown Friction	Non-detachable cable.
Wacom	MTE-450	Recommended For Low Budget	?/10 (prices/availability vary)	? USD (prices vary)	A		S	None	Medium	Mid Friction	
Wacom	CTE-x50 [5]	Recommended For Low Budget	?/10 (prices/availability vary)	? USD (prices vary)	A		S/M	None	Low	Unknown Friction	
Wacom	CTE-x40 [6]	Recommended For Low Budget	?/10 (prices/availability vary)	? USD (prices vary)	A		S/M	None	Low	Low or Mid Friction	Lowered report rate compared to other consumer line wacom tablets and non-detachable cable.
Wacom	CTE-x30 [7]	Recommended For Low Budget	?/10 (prices/availability vary)	? USD (prices vary)	A		S/M	None	Low	Low or Mid Friction	Lowered report rate compared to other consumer line wacom tablets and non-detachable cable.
Wacom	Fx-xxx [8]	Recommended For Low Budget	?/10 (prices/availability vary)	? USD (prices vary)	A		XS/S	None	Low	Unknown Friction	Lowered report rate compared to other consumer line wacom tablets and non-detachable cable.
Wacom	CTF-xxx [9]	Recommended For Low Budget	?/10 (prices/availability vary)	? USD (prices vary)	A		XS/S	None	Low	Unknown Friction	Lowered report rate compared to other consumer line wacom tablets and non-detachable cable.
Wacom	FT-xxxx-U [10]	Recommended For Low Budget	?/10 (prices/availability vary)	? USD (prices vary)	A		XS/S	None	Low	Unknown Friction	Lowered report rate compared to other consumer line wacom tablets and non-detachable cable.
Wacom	ET-xxxxA-U [11]	Recommended For Low Budget	?/10 (prices/availability vary)	? USD (prices vary)	A		S/M	None	Low	Unknown Friction	Lowered report rate compared to other consumer line wacom tablets and non-detachable cable.
Wacom	ET-0405-U	Recommended For Low Budget	?/10 (prices/availability vary)	? USD (prices vary)	A		S	None	Low	Unknown Friction	Lowered report rate compared to other consumer line wacom tablets and non-detachable cable.
Wacom	CT-0405-U	Recommended For Low Budget	?/10 (prices/availability vary)	? USD (prices vary)	A		S	None	Low	Unknown Friction	Lowered report rate compared to other consumer line wacom tablets and non-detachable cable.

Kuuube's Info

Tablet Sheets and Guides

[Kuuube's Tablet Buying Guide](#)

[Kuuube's Wacom Tablet Mastersheet](#)

[Kuuube's Wacom Tablet Pen Compatibility Mastersheet](#)

[Kuuube's Wacom Pen Nib Guide](#)

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Info

If you need to contact me personally, join my discord. I may not reply elsewhere.

[osu! Profile](#)

[Discord Server](#)

[Github](#)

[Youtube](#)

[1] (PTZ-430, PTZ-431W, PTZ-630, PTZ-631W, PTZ-930, PTZ-1230, PTZ-1231W)

[2] (XD-0405-U, XD-0608-U, XD-0912-U, XD-1212-U, XD-1218-U)

[3] (GD-0405-U, GD-0608-U, GD-0912-U, GD-1212-U, GD-1218-U)

[4] (CTE-460, CTE-660)

[5] (CTE-450, CTE-650)

[6] (CTE-440, CTE-640)

[7] (CTE-430, CTE-630)

[8] (FW-300, FB-630)

[9] (CTF-430, CTF-221, CTF-420)

[10] (FT-0203-U, FT-0405-U)

[11] (ET-0405A-U, ET-0507A-U)