

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
Garmin	9630	Highly Recommended	10/10	25-40 USD	B	5	Mixed	Low	Low Friction	Input dropping when pressing pen side buttons and firmware version can be upgraded or downgraded.
XP pen	G400 Rev A	Not Recommended	6/10	40-100	A	5	Intense	Low	Low Friction	Angle snapping issues, may be controllable to how often when using a Rev A, only may require a Rev B, and input dropping when pressing pen side buttons.
Veellk	5640	Usually Not Recommended	7/10	20-30 USD	C	5	More than minimal	Low	Low Friction	May be unreliable to buy, input dropping when pressing pen side buttons, and non-detachable cable.
Veellk	V20280	Usually Not Recommended	7/10	35-50 USD	C	5	More than minimal	Medium	Low Friction	Input dropping when pressing pen side buttons and report rate may drop to 40hz when moving slowly.
Veellk	5640 V2	Not Recommended	5/10	20-30 USD	C	5	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	H420R	Not Recommended	4/10	25-30 USD	C	5	Direct	Medium	Low Friction	Input dropping when pressing pen side buttons.
XP pen	G400 or G405	Not Recommended	4/10	30-50	C	5	Direct	Medium	Low Friction	Angle snapping issues, input dropping when pressing pen side buttons and non-detachable cable.
Garmin	9630	Highly Not Recommended	3/10	30-35 USD	C	5	Bad	Low	Low Friction	Input dropping when pressing pen side buttons.
Garmin	9630	Highly Not Recommended	3/10	35-40 USD	C	5	Bad	Low	Low Friction	Input dropping when pressing pen side buttons.
XP pen	Deco Fun X5 or equivalent into P1-640	Highly Not Recommended	3/10	25-30 USD	C	5	Bad	Medium	Low Friction	Hardware smoothing changes to Decent and strong anti-chatter is loosened when dragging, hardware smoothing appears stronger the slower the pen is moved, input glitching and dropping when pressing pen side buttons, and surface prone to loud squealing when dragging on it.
XP pen	G400	Highly Not Recommended	3/10	40-50 USD	D	5	Bad	Low	Low Friction	Angle snapping issues and input dropping when pressing pen side buttons.
XP pen	G400 Rev B	Highly Not Recommended	3/10	40-50 USD	D	5	Bad	Low	Low Friction	Input dropping when pressing pen side buttons.
Huion	H540	Highly Not Recommended	3/10	30-40 USD	D	5	Bad	Low	Low Friction	Input dropping when pressing pen side buttons.
Huion	420 or H430	Extremely Highly Not Recommended	0/10	25-30 USD	F	5	Bad	Medium	Low Friction	Stuttery pen, and input dropping when pressing pen side buttons.
Huion	H640P	Extremely Highly Not Recommended	0/10	40-50 USD	F	5	Very Bad	Low	Low Friction	Input dropping when pressing pen side buttons.
Huion	H430P	Extremely Highly Not Recommended	0/10	40-50 USD	F	5	Very Bad	Low	Low Friction	Input dropping when pressing pen side buttons.
None	P1-640	Extremely Highly Not Recommended	0/10	25-30 USD	C	5	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	5	None	High	Low Friction	
Wacom	CTL-610-2	Recommended	7/10	35-45 USD	A	5	None	High	Low Friction	
Wacom	CTL-610-470	Highly Recommended	10/10	20-30 USD	A	5	None	High	High Friction	May have minor EMR noise issues (this causes your cursor to shake more)
Wacom	CTL-610	Highly Recommended	9/10	20-30 USD	A	5	None	Medium	Low Friction	Non-detachable cable.
Wacom	CTL-640	Recommended	9/10	20-30 USD	A	5	None	Medium	High Friction	Non-detachable cable.
Wacom	CTL-662	Highly Recommended	10/10	20-30 USD	A	5	None	Medium	Low Friction	Non-detachable cable.
Wacom	CTL-610-2	Extremely Highly Not Recommended	2/10	20-30 USD	A	5	Bad	Medium	Low Friction	Hardware smoothing is disabled when pen pressure is detected (performance ranking 5 while dragging), and glitchy hover/drag transitions.

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	50-100 USD	A	5	None	Medium	High Friction	Under rare conditions, may have input dropping or jumping when pressing pen side buttons.
Wacom	CTL-472	Highly Recommended	10/10	50-100 USD	A	5	None	Medium	High Friction	Under rare conditions, may have input dropping or jumping when pressing pen side buttons.
Wacom	CTL-410W	Highly Not Recommended	2/10	40-70 USD	A	5	Mixed	High	Mid Friction	Slight input glitching, report rate dropping when pressing pen side buttons, and some issues with pressure handling (this is bad for drawing).
Wacom	CTL-4100	Extremely Highly Not Recommended	2/10	40-70 USD	C	5	Bad	High	High Friction	Hardware smoothing is disabled when pen pressure is detected (performance ranking 5 while dragging), error 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	CTL-610-2	Recommended	7/10	80-100 USD	A	5	None	High	Mid Friction	Reported report rate compared to consumer line wacom tablets.
Wacom	PTH-660	Highly Recommended	10/10	50-60 USD	A	5	None	High	Mid Friction	Reported report rate compared to consumer line wacom tablets.
Wacom	PTH-612	Recommended	7/10	80-100 USD	A	5	None	High	Mid Friction	Reported report rate compared to consumer line wacom tablets, may have minor EMR noise issues (this causes your cursor to shake more).
Wacom	PTH-640	Highly Recommended	10/10	70-100 USD	A	5	None	High	Mid Friction	Reported report rate compared to consumer line wacom tablets.
Wacom	CTL-471	Highly Recommended	10/10	60-70 USD	A	5	None	High	Low Friction	Slight input glitching, report rate dropping when pressing pen side buttons, and some issues with pressure handling (this is bad for drawing).
Wacom	CTL-610-2	Recommended	10/10	50-60 USD	A	5	None	High	High Friction	Reported report rate compared to consumer line wacom tablets.
Wacom	PTH-680	Not Recommended	5/10	90-120 USD	A	5	None	High	Mid Friction	May have minor EMR noise issues (this causes your cursor to shake more).
Wacom	CTL-610-2	Extremely Highly Not Recommended	2/10	70-90 USD	C	5	Bad	Medium	High Friction	Hardware smoothing is disabled when pen pressure is detected (performance ranking 5 while dragging), and glitchy hover/drag transitions.

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-660	Usually Not Recommended	5/10	210 USD	D	5	None	Extremely High	Low Friction	Reported report rate compared to consumer line wacom tablets, extremely high pressure scan rate (pen taps send almost instantly), extremely minor anti-chatter on hover, and glitchy position reporting when pen is lifted roughly 15" or lower to the tablet.
Wacom	PTH-660	Usually Not Recommended	5/10	200 USD	D	5	None	Extremely High	Low Friction	Reported report rate compared to consumer line wacom tablets, extremely high pressure scan rate (pen taps send almost instantly), extremely minor anti-chatter on hover, and glitchy position reporting when pen is lifted roughly 15" or lower to the tablet.
Wacom	PTH-860	Usually Not Recommended	5/10	400-500 USD	A	5	None	Extremely High	Low Friction	Reported report rate compared to consumer line wacom tablets, extremely high pressure scan rate (pen taps send almost instantly), extremely minor anti-chatter on hover, and glitchy position reporting when pen is lifted roughly 15" or lower to the tablet.
Wacom	CTL-610W	Highly Not Recommended	3/10	140-160 USD	D	5	Mixed	High	Mid Friction	Slight input glitching, report rate dropping when pressing pen side buttons, and some issues with pressure handling (this is bad for drawing).
Wacom	CTL-1300	Extremely Highly Not Recommended	0/10	200 USD	C	5	Bad	High	High Friction	Hardware smoothing is disabled when pen pressure is detected (performance ranking 5 while dragging), error anti-chatter remains.
XP pen	Deco Pro Max G40	Extremely Highly Not Recommended	0/10	140 USD	D	5	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 transitions.
XP pen	Deco Pro V60 G40	Extremely Highly Not Recommended	0/10	170 USD	D	5	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 transitions.
XP pen	Deco Pro V60 G40	Extremely Highly Not Recommended	0/10	200 USD	D	5	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 transitions.
Noneable	Pen Tablet Small	Extremely Highly Not Recommended	0/10	100-150 USD	C	5	Bad	Medium	Low Friction	Input dropping and angle snapping when pressing pen side buttons, glitchy hover/drag transitions, and 40hz pressure scan rate (this causes fast presses to not 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-661	Recommended	8/10	120-175 USD	A	5	None	High	Mid Friction	Reported report rate compared to consumer line wacom tablets.
Wacom	PTH-650	Recommended	7/10	110-200 USD	A	5	None	High	Mid Friction	Reported report rate compared to consumer line wacom tablets.
Wacom	PTH-851	Recommended	8/10	230-300 USD	A	5	None	High	Mid Friction	Reported report rate compared to consumer line wacom tablets.
Wacom	PTH-850	Recommended	9/10	130-250 USD	A	5	None	High	Mid Friction	Reported report rate compared to consumer line wacom tablets.
Wacom	PTH-400	Recommended	10/10	120-175 USD	A	5	None	High	Mid Friction	Reported 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	PTH-1340	Recommended for High Budget	7/10 (price/availability var)	7-100 (gross var)	S	5	None	High	Mid Friction	Reported report rate compared to consumer line wacom tablets and non-detachable cable.
Wacom	PTH-40021W [1]	Recommended for Low-Mid Budget	7/10 (price/availability var)	7-100 (gross var)	S	5	None	High	Low Friction	Reported report rate compared to consumer line wacom tablets and non-detachable cable.
Wacom	XD-waak-2 [2]	Recommended for Low-Mid Budget	7/10 (price/availability var)	7-100 (gross var)	S	5	None	High	Low or Mid Friction	Reported report rate compared to consumer line wacom tablets and non-detachable cable.
Wacom	GD-waak-1 [3]	Recommended for Low-Mid Budget	7/10 (price/availability var)	7-100 (gross var)	S	5	None	High	Low or Mid Friction	Reported report rate compared to consumer line wacom tablets and non-detachable cable.
Wacom	CTL-401 [4]	Recommended for Low Budget	7/10 (price/availability var)	7-100 (gross var)	A	5	None	Low	Unknown Friction	Non-detachable cable.
Wacom	MPT-450	Recommended for Low Budget	7/10 (price/availability var)	7-100 (gross var)	A	5	None	Medium	Mid Friction	
Wacom	CTL-401 [5]	Recommended for Low Budget	7/10 (price/availability var)	7-100 (gross var)	A	5	None	Low	Unknown Friction	
Wacom	CTL-401 [6]	Recommended for Low Budget	7/10 (price/availability var)	7-100 (gross var)	A	5	None	Low	Unknown Friction	Lowest report rate compared to other consumer line wacom tablets and non-detachable cable.
Wacom	CTL-401 [7]	Recommended for Low Budget	7/10 (price/availability var)	7-100 (gross var)	A	5	None	Low	Low or Mid Friction	Lowest report rate compared to other consumer line wacom tablets and non-detachable cable.
Wacom	Pen Pro [8]	Recommended for Low Budget	7/10 (price/availability var)	7-100 (gross var)	A	5	None	Low	Unknown Friction	Lowest report rate compared to other consumer line wacom tablets and non-detachable cable.
Wacom	CTL-401 [9]	Recommended for Low Budget	7/10 (price/availability var)	7-100 (gross var)	A	5	None	Low	Unknown Friction	Lowest report rate compared to other consumer line wacom tablets and non-detachable cable.
Wacom	PTH-waak-1 [10]	Recommended for Low Budget	7/10 (price/availability var)	7-100 (gross var)	A	5	None	Low	Unknown Friction	Lowest report rate compared to other consumer line wacom tablets and non-detachable cable.
Wacom	PTH-waak-1 [11]	Recommended for Low Budget	7/10 (price/availability var)	7-100 (gross var)	A	5	None	Low	Unknown Friction	Lowest report rate compared to other consumer line wacom tablets and non-detachable cable.
Wacom	ET-0805-U	Recommended for Low Budget	7/10 (price/availability var)	7-100 (gross var)	A	5	None	Low	Unknown Friction	Lowest report rate compared to other consumer line wacom tablets and non-detachable cable.
Wacom	CTL-0805-U	Recommended for Low Budget	7/10 (price/availability var)	7-100 (gross var)	A	5	None	Low	Unknown Friction	Lowest report rate compared to other consumer line wacom tablets and non-detachable cable.

Kuuube's Info

Tablet Sheets and Guides

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[Kuuube's Wacom Tablet Mastersheet](#)

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

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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)