

# 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       | Not Recommended                  | 6/10                      | 40 USD         | B                   | S    | Minimal            | Low            | Low Friction | Angle snapping issues, may be unreliable to buy (even when ordering a Rev A, you may receive a Rev B), 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  | V0100            | 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 X5      | 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.  |
| Xene   | P1-640           | Highly Not 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      | F                   | S    | Very Bad           | Low            | Low Friction | Input dropping when pressing pen side buttons.  |
| Xene   | 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/N-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/N-470        | Highly Recommended               | 10/10                     | 20-30 USD      | A                   | S    | None               | High           | Mid Friction  |  |
| Wacom | CTL-N-461        | Highly Recommended               | 9.5/10                    | 20-30 USD      | A                   | S    | None               | Medium         | Low Friction  | Non-detachable cable.  |
| Wacom | CTL/N-460        | Recommended                      | 9/10                      | 20-30 USD      | A                   | S    | None               | Medium         | High Friction | Non-detachable cable.  |
| Wacom | CTL-N-461        | Highly Recommended               | 10/10                     | 20-30 USD      | A                   | M    | None               | Medium         | Low Friction  | Non-detachable cable.  |
| Wacom | CTL/N-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-472          | 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 | CTL-N100WL       | 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/N-450        | Recommended                      | 7/10                      | 80-100 USD     | S                   | S    | None               | High           | Mid Friction  | Boosted report rate compared to consumer line wacom tablets.  |
| Wacom | PTH-440          | Highly Recommended               | 7/10                      | 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 | PTH-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/N-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-071          | Highly Recommended               | 10/10                     | 60-70 USD      | A                   | M    | None               | High           | Low Friction  |   |
| Wacom | CTL/N-670        | Recommended                      | 10/10                     | 50-60 USD      | A                   | M    | None               | Medium         | High Friction |   |
| Wacom | CTL-N-680        | Not Recommended                  | 5/10                      | 90-120 USD     | A                   | M    | None               | High           | Mid Friction  | May have minor EMR noise issues (this causes your cursor to shake more).  |
| Wacom | CTL/N-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-660           | 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.  |
| Wacom     | CTL-N100WL        | Highly 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.  |
| 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. |
| Xencelabs | Pen Tablet Small  | Extremely Highly Not Recommended | 0/10                      | 100-150 USD    | F                   | S    | Bad                | Medium         | 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 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-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, and 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/N-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/N-800        | Recommended                     | 9/10                      | 130-200 USD    | S                   | L    | None               | High           | Mid Friction | Boosted report rate compared to consumer line wacom tablets.  |
| Wacom | PTH-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 | PTH-1240         | Recommended For High Budget    | 7/10 (prices/availability vary) | 7 USD (prices vary) | S                   | XL   | None               | High           | Mid Friction        | Boosted report rate compared to consumer line wacom tablets and non-detachable cable.       |
| Wacom | PTH-430/31W [1]  | Recommended For Low Mid Budget | 7/10 (prices/availability vary) | 7 USD (prices vary) | S                   | AIR  | None               | High           | Low Friction        | Boosted report rate compared to consumer line wacom tablets and non-detachable cable.       |
| Wacom | XD-xxx-U [2]     | Recommended For Low Mid Budget | 7/10 (prices/availability vary) | 7 USD (prices vary) | S                   | AIR  | None               | High           | Low or Mid Friction | Boosted report rate compared to consumer line wacom tablets and non-detachable cable.       |
| Wacom | GD-xxx-U [3]     | Recommended For Low Mid Budget | 7/10 (prices/availability vary) | 7 USD (prices vary) | S                   | AIR  | None               | High           | Low or Mid Friction | Boosted report rate compared to consumer line wacom tablets and non-detachable cable.       |
| Wacom | CTL-460 [4]      | Recommended For Low Budget     | 7/10 (prices/availability vary) | 7 USD (prices vary) | A                   | S/AH | None               | Low            | Unknown Friction    | Non-detachable cable.   |
| Wacom | MTE-450          | Recommended For Low Budget     | 7/10 (prices/availability vary) | 7 USD (prices vary) | A                   | S    | None               | Medium         | Mid Friction        |   |
| Wacom | CTE-450 [5]      | Recommended For Low Budget     | 7/10 (prices/availability vary) | 7 USD (prices vary) | A                   | S/AH | None               | Low            | Unknown Friction    |   |
| Wacom | CTE-460 [6]      | Recommended For Low Budget     | 7/10 (prices/availability vary) | 7 USD (prices vary) | A                   | S/AH | None               | Low            | Unknown Friction    | Lowered report rate compared to other consumer line wacom tablets and non-detachable cable. |
| Wacom | CTE-450 [7]      | Recommended For Low Budget     | 7/10 (prices/availability vary) | 7 USD (prices vary) | A                   | S/AH | None               | Low            | Unknown Friction    | Lowered report rate compared to other consumer line wacom tablets and non-detachable cable. |
| Wacom | FXxxx [8]        | Recommended For Low Budget     | 7/10 (prices/availability vary) | 7 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     | 7/10 (prices/availability vary) | 7 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 | FXxxx-U [10]     | Recommended For Low Budget     | 7/10 (prices/availability vary) | 7 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 | FXxxx-U [11]     | Recommended For Low Budget     | 7/10 (prices/availability vary) | 7 USD (prices vary) | A                   | S/AH | None               | Low            | Unknown Friction    | Lowered report rate compared to other consumer line wacom tablets and non-detachable cable. |
| Wacom | ET0405-U         | Recommended For Low Budget     | 7/10 (prices/availability vary) | 7 USD (prices vary) | A                   | S    | None               | Low            | Unknown Friction    | Lowered report rate compared to other consumer line wacom tablets and non-detachable cable. |
| Wacom | CT0405-U         | Recommended For Low Budget     | 7/10 (prices/availability vary) | 7 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](#)

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

## 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)