

Hardware overview

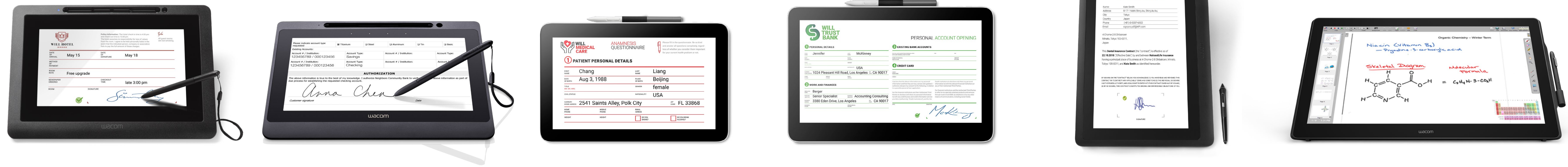
# Pen Displays

*Specifications  
at a glance*



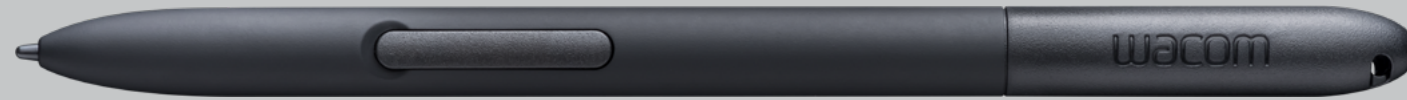
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## Pen Display Overview



General Specifications	DTU-1031AX	DTU-1141B	DTC121	DTH134	DTK-1660E	DTK-2451/DTH-2452
<b>Dimensions (W x H x D, excluding stand)</b>	12.2 x 8.5 x 0.6 inches / 310 x 217 x 14 mm	11.1 x 8.3 x 0.4 inches / 283 x 210 x 11 mm	11.8 x 7.5 x 0.4 inches / 299 x 199 x 11 mm	13.2 x 8.7 x 0.5 inches / 336 x 222 x 12 mm	16.61 x 11.22 x 0.96 inches / 422 x 285 x 24.5 mm	23.66 x 14 x 1.8 inches / 601 x 356 x 46 mm
<b>Weight (including stand)</b>	2.4 lb / 1.1 kg	1.8 lbs / 0.8 kg	1.5 lbs / 0.7 kg	1.9 lbs / 0.9 kg	4.2 lbs / 1.9 kg	15.9 lbs / 7.2 kg (including stand)
<b>Stand inclination</b>	18° or flat	15° integrated stand	NA	NA	19° integrated stand	11° - 73° adjustable stand
<b>Power supply</b>	USB bus power: 5 VDC	USB bus power: 5 VDC	USB Power Delivery or AC adaptor	USB Power Delivery or AC adaptor	AC 100 - 240 V, 50/60 Hz	AC 100 - 240V, 50/60 Hz
<b>Power consumption</b>	5W maximum	5 W maximum, 1 W in sleep mode	Max: 14 W(AC Adaptor) / 13 W(PC USB PD Port ); Sleep: 1.5W; Off:0.3W	Max: 15 W(AC Adaptor) / 14.6 W(PC USB PD Port ); Sleep: 1.5W; Off:0.3W	27 W or lower, Power Save mode: 0.5 W or lower, Power OFF mode: 0.5W or lower	45 W or lower, Power Save mode: 0.5 W or lower, Power OFF mode: 0.5 W or lower
<b>Communication interface</b>	USB 2.0 High-Speed	USB 2.0 (high speed)	USB Type-C	USB Type-C	USB 2.0	USB 2.0
<b>Programmable buttons</b>	NA	4	NA	NA	NA	4
<b>Supported operating systems</b>	Windows 10 / 8.1 / 7 (32-bit, 64-bit) Mac OSX 10.12 or later	Windows: 10/8.1/7 (32-bit, 64-bit) Mac: OSX 10.11 or later	Windows® 10 or later, macOS 11 or later, Android OS version 8.0 and above, Chrome™ OS the latest version	Windows® 10 or later, macOS 11 or later, Android OS version 8.0 and above, Chrome™ OS the latest version	Windows: 10/8.1/7 (32-bit, 64-bit) Mac: OSX 10.11 or later	Windows: 10/8.1/7 (32-bit, 64-bit) Mac: OSX 10.11 or later
<b>LCD Screen</b>						
<b>LCD Panel Type</b>	TFT	AHVA	IPS	IPS	IPS	VA
<b>Touch Input</b>	No	No	No	Yes	No	DTK-2451: No / DTH-2452: Yes
<b>Cover glass surface</b>	Tempered glass	Tempered anti-glare etched glass	Anti-glare glass	Anti-glare and anti-fingerprint glass	Tempered Glass with anti-glare film	Tempered anti-glare etched glass
<b>Aspect ratio</b>	16:9	16:9	16:9	16:9	16:9	16:9
<b>Native resolution</b>	1024 x 600 pixels	1920 x 1080 pixels	1920 x 1080 pixels	1920 x 1080 pixels	1920 x 1080 pixels	1920 x 1080 pixels
<b>Video input</b>	USB 2.0 High-Speed (Common with Communication IF)	USB	USB Type-C or HDMI	USB Type-C or HDMI	HDMI	DVI-I
<b>Viewing angles (horizontal/vertical)</b>	140° / 120° (typical)	170° / 170°	170°(85/85) / 170°(85/85) (typical)	170°(85/85) / 170°(85/85) (typical)	176° / 176°	178° / 178°
<b>Colours</b>	16.7M colors	16.7M colors	16.7M colors	16.7M colors	16.7M colors	16.7M colors
<b>Luminance (brightness)</b>	0.13 cd/in <sup>2</sup> / 200 cd/m <sup>2</sup> (typical)	0.13 cd/in <sup>2</sup> / 200 cd/m <sup>2</sup> (typical)	275 cd/m <sup>2</sup> (typical)	320 cd/m <sup>2</sup> (typical)	0.13 cd/in <sup>2</sup> / 210 cd/m <sup>2</sup> (typical)	0.13 cd/in <sup>2</sup> / 210 cd/m <sup>2</sup> (typical)
<b>Contrast ratio</b>	500:1 (typical)	1000:1 (typical)	1400:1 (typical)	2000:1 (typical)	1000:1 (typical)	1000:1 (typical)
<b>Response time</b>		25 ms (typical)	18 ms (typical)	19 ms (typical)	25 ms (typical)	16 ms (typical)
<b>Tablet and pen</b>						
<b>Technology</b>	Electromagnetic Resonance (EMR)	Electromagnetic Resonance (EMR)	Electromagnetic Resonance (EMR)	Electromagnetic Resonance (EMR)	Electromagnetic Resonance (EMR)	Electromagnetic Resonance (EMR)
<b>Active area size</b>	10.1" diagonal (8.77 x 4.93 inches / 222.7 x 125.3 mm)	10.1" diagonal (8.79 x 4.94 inches / 223.2 x 125.6 mm)	11.6" diagonal (257 x 145 mm)	13.3" diagonal (294 x 165 mm)	15.6" diagonal (13.55 x 7.62 inches / 344.2 x 193.6 mm)	23.8" diagonal (20.75 x 11.65 inches / 527 x 296 mm)
<b>Coordinate resolution</b>	0.01 mm/point (2540 lpi)	0.01 mm/point (2540 lpi)	0.01 mm/point (2540 lpi)	0.01 mm/point (2540 lpi)	0.005 mm/point (5080 lpi)	0.01 mm/point (2540 lpi)
<b>Report rate</b>	200 points per second	200 points per second	240 reports per second	240 reports per second	187 points per second	187 points per second for DTK-2451 100 points per second for DTH-2452
<b>Pressure levels</b>	512	1024	4096	4096	8192	2048
<b>Encryption</b>	AES 256 / RSA 2048	AES 256 / RSA 2048	AES 256 / RSA 2048 (via driver)	AES 256 / RSA 2048 (via driver)	AES 256 / RSA 2048	AES 256 / RSA 2048
<b>Reading height</b>	0.2 inches or more / 5 mm or more (center)	0.2 inches / 5 mm or more (center)	0.3 inches / 8 mm or more (center)	0.3 inches / 8 mm or more (center)	0.2 inches / 5 mm or more (center)	0.4 inches / 10 mm or more (center)
<b>Miscellaneous</b>						
<b>Pen storage</b>	Integrated pen compartment, pen stand	Integrated pen compartment, pen stand	Fabric holder	Fabric holder	Pen stand	Pen holder
<b>Security lock slot</b>	Kensington Microsaver	Kensington Microsaver	Kensington Nanosaver	Kensington Nanosaver	Kensington Microsaver	Kensington Microsaver
<b>Mounting system</b>	VESA 2.95 inches / 75 mm	VESA 2.95 inches / 75 mm	None	None	VESA 2.95 inches / 75 mm	VESA 3.93 x 7.87 inches / 100 x 200 mm
<b>Signature software compatibility</b>	Compatible with signature / eSign software and Wacom sign pro PDF; C++, .NET and Java SDK/API available for developers	Compatible with signature / eSign software and Wacom sign pro PDF; C++, .NET and Java SDK/API available for developers	Compatible with signature / eSign software Wacom sign pro PDF; C++, .NET and Java SDK/API available for developers	Compatible with signature / eSign software Wacom sign pro PDF; C++, .NET and Java SDK/API available for developers	Compatible with signature / eSign software and Wacom sign pro PDF; C++, .NET and Java SDK/API available for developers	Compatible with signature / eSign software and Wacom sign pro PDF; C++, .NET and Java SDK/API available for developers
<b>Drivers</b>	Wacom driver recommended (Works also as standard HID without Wacom driver) MCT driver required	Wacom driver and DisplayLink video driver required, SDK/API available for developers	Wacom Pen Driver required for full functionality	Wacom Pen Driver required for full functionality	Wacom driver required, SDK/API available for developers	Wacom driver required, SDK/API available for developers
<b>Package content</b>	DTU-1031AX, Pen, USB cable, quick start guide, pen tether, extra pen nibs, nib removal tool, USB plug attachment, 4 VESA mounting screws, IPI	DTU-1141B, Pen, USB cable, quick start guide, pen tether, 5 extra pen nibs, nib removal tool, 4 VESA mounting screws, USB plug attachment, IPI	DTC121, Wacom One Standard Pen, replacement nibs and nib removal tool, 1 x USB-C Cable, pen tether	DTH134, Wacom One Standard Pen White-Gray, replacement nibs and nib removal tool, 1 x USB-C Cable, pen tether	DTK-1660E, Wacom Pro Pen 2, pen stand with replacement nibs and nib removal tool, pen tether, 3-in-1 cable, AC power adapter, power cable, quick start guide, IPI	DTK-2451 or DTH-2452, adjustable display stand, pen with eraser, pen holder, attachment, pen tether, warranty card, QSG, IPI, DVI-D cable, DVI-I to VGA Cable, USB cable, AC adapter, power cable
	Energy efficiency class and information for COMMISSION REGULATION (EU) 2019/2013 	Energy efficiency class and information for COMMISSION REGULATION (EU) 2019/2013 	Energy efficiency class and information for COMMISSION REGULATION (EU) 2019/2013 	Energy efficiency class and information for COMMISSION REGULATION (EU) 2019/2013 	Energy efficiency class and information for COMMISSION REGULATION (EU) 2019/2013 	Energy efficiency class and information for COMMISSION REGULATION (EU) 2019/2013 

# More human



# More digital



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