

## Ricoh IFPD D6520BK Competitive Matrix

Model	Ricoh D6520BK	Sharp PN-L651H	Smart 6265P	Viewsonic IFP6550	Infocus INF65MU02
<b>Street Price</b>	\$3,779 – IFPD only \$1,535 – Windows 10 i5 Controller \$1,989 – Windows 10 i7 Controller	\$4,550 IFPD w/ Embedded Android Controller	\$5,063 w/ Intel Compute Card	\$2,399 w/ Standard Viewboard OS Controller	\$4,076 w/ Standard Windows 10 Controller
<b>Display Specifications</b>					
<b>Panel Size / Aspect Ratio</b>	65" diagonal / 16:9	65" diagonal / 16:9	65" diagonal / 16:9	65" diagonal / 16:9	65" diagonal / 16:9
<b>Supported Display Orientations</b>	Horizontal	Horizontal, Vertical (Portrait)	Horizontal	Horizontal	Horizontal
<b>Screen Type</b>	LCD	LCD	LCD	LCD	LED Direct Lit
<b>Back Light</b>	DLED	LED, direct lit	LED	LED	N/A
<b>Maximum Resolution</b>	3,840 x 2,160 dpi (4K)	3,840 x 2,160 dpi (4K)	3,840 x 2,160 dpi (4K)	3,840 x 2,160 dpi (4K)	3,840 x 2,160 dpi (4K)
<b>Maximum Display Colors</b>	1.07 billion (10 bit color processing)	1.07 billion	INA	INA	1.07 billion
<b>Contrast Ratio</b>	5,000:1	5,000:1	1,200:1	1,200:1	4,000:1
<b>Brightness</b>	440 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	338 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	450 cd/m <sup>2</sup>
<b>Angle of View</b>	Left/Right: 178°, Up/Down: 178°	Left/Right: 178°, Up/Down: 178°	Left/Right: 178°, Up/Down: 178°	Left/Right: 178°, Up/Down: 178°	Left/Right: 178°, Up/Down: 178°
<b>Touch Screen Technology</b>	InGlass™ by FlatFrog + Optical Bonding	InGlass™ by FlatFrog	DVIT technology	Infrared	Infrared
<b>Touch Screen Response Speed</b>	8 milliseconds	9.5 milliseconds	8 milliseconds	8 milliseconds	<10 milliseconds
<b>Maximum Number of Simultaneous Touch Points</b>	20 points (TouchPanel) 4 points (using IWB Software)	20 points	8 points	20 points	20 points
<b>Built-in Camera</b>	No	No	No	No	Yes
<b>Built-in Microphone</b>	No	No	No	No	Yes
<b>Built-in Speakers</b>	12 W x 2 (Front)	10 W x 2	10 W x 2	16 W x 2	12 W x 2
<b>Installation Type</b>	Wall mount or optional rolling stand	Wall mount or optional 3 <sup>rd</sup> Party stand	Wall mount or optional 3 <sup>rd</sup> Party stand	Wall mount or optional stand	Wall mount or optional stand
<b>Advanced Features</b>					
<b>Finger Writing &amp; Page Control</b>	Supported	Supported	Supported	Supported	Supported
<b>Passive Pen Writing</b>	Supported	Supported	Supported	Supported	Supported
<b>Intelligent Character Recognition</b>	Not Supported	Supported	Not Supported	Supported	Supported
<b>Daisy Chain Display &amp; Control</b>	Supported	Not Supported	Supported	Not Supported	Not Supported
<b>Picture In Picture/Picture By Picture</b>	Supported	Supported	Supported	Supported	Not Supported
<b>Page Creation/Mark-up/Saving</b>	Supported	Supported	Supported	Supported	Supported
<b>Remote Interactive Collaboration</b>	Supported with IWB Remote License	Supported	Supported	Supported	Supported
<b>Real-time Video Conferencing</b>	Supported with IWB Remote License	3 <sup>rd</sup> Party Supported	Supported	3 <sup>rd</sup> Party Supported	Optional with Zoom
<b>Participation via Remote Devices</b>	Supported with IWB Remote License	Supported	Supported	Supported	Supported
<b>Display Connectivity Terminals</b>					
<b>Display Input Terminals</b>	<ul style="list-style-type: none"> <li>▶ Mini D-Sub 15-pin (VGA) x 1</li> <li>▶ HDMI x 1 (HDCP compliant)</li> <li>▶ DisplayPort x 1 (HDCP compliant)</li> <li>▶ USB 3.0 Type B x 1 (for Touchscreen)</li> <li>▶ USB 3.0 Type A x 6 (2 rear, 4 side)</li> <li>▶ OPS x 1 for Controller Module</li> <li>▶ OPS x 1 for Capture Module</li> <li>[Additional input &amp; network interfaces on opt. Controller &amp; Capture modules]</li> </ul>	<ul style="list-style-type: none"> <li>▶ Mini D-Sub 15-pin (VGA) x 1</li> <li>▶ HDMI x 2 (HDCP compliant)</li> <li>▶ DisplayPort x 1 (HDCP compliant)</li> <li>▶ USB 2.0 Type B x 1 (for Touchscreen)</li> <li>▶ USB 2.0 Type A x 2</li> </ul>	<ul style="list-style-type: none"> <li>▶ Mini D-Sub 15-pin (VGA) x 1</li> <li>▶ HDMI x 2</li> <li>▶ USB-A 3.0 x 3</li> <li>▶ DisplayPort x 1</li> <li>▶ USB 3.0 Type B x 1 (for Touchscreen)</li> <li>▶ RJ-45 x 2</li> <li>▶ Bluetooth</li> </ul>	<ul style="list-style-type: none"> <li>▶ Mini D-Sub 15-pin (VGA) x 1</li> <li>▶ HDMI x 3</li> <li>▶ OPS</li> <li>▶ USB 2.0 x 4</li> <li>▶ USB-B x 1</li> <li>▶ DisplayPort x 1</li> <li>▶ USB 3.0 Type B x 2 (for Touchscreen)</li> <li>▶ USB 3.0 x 1</li> <li>▶ Composite RCA x 1</li> </ul>	<ul style="list-style-type: none"> <li>▶ Mini D-Sub 15-pin (VGA) x 1</li> <li>▶ HDMI x 3</li> <li>▶ USB 2.0 x 2</li> <li>▶ USB-B x 2</li> <li>▶ DisplayPort x 1</li> </ul>
<b>Video Output</b>	▶ DisplayPort x 1	▶ Display Port x 1	▶ HDMI 2.0 x 1	▶ HDMI X 1	▶ HDMI x 1
<b>Audio Input</b>	▶ 3.5 mm Line In Jack x 1	▶ 3.5 mm Line In Jack x 1	▶ 3.5 mm Line In Jack x 1	▶ 3.5 mm Line In Jack x 1	▶ 3.5 mm Line In Jack x 1
<b>Audio Output</b>	▶ 3.5 mm Headphone Out Jack x 1	▶ 3.5 mm Line Out Jack x 1	▶ 3.5 mm Line Out Jack x 1	▶ 3.5 mm Line Out Jack x 1	▶ 3.5 mm Line Out Jack x 1
<b>Control Terminals</b>	▶ RS-232C x 2 (Input & Output) ▶ RJ-45 x 1 on Controller	▶ RS-232C x 1 Input	▶ RS-232C x 1 Input	▶ RS-232C x 1	▶ RS-232C x 1
<b>Physical Specifications</b>					
<b>Dimensions (WxDxH)</b>	59.4" x 3.3" x 36.2"	59.1" x 3.9" x 37.3"	59.38" x 4.75" x 31.63"	59.9" x 3.9" x 39.1"	58.6" x 3.5" x 35"
<b>Weight</b>	103.6 lbs.	106 lbs.	134 lbs.	103.62 lbs.	86.7 lbs.
<b>Product Warranty</b>	3 Years	3 Years	3 Years	3 Years	1 Year
<b>Notes</b>					
INA = Information not available N/A = Function not available	▶ Motion sensor detection activation	▶ Includes 2 Wi-Fi antennas, Stylus x 2, Sharp Touch Viewing Software, Sharp Pen Software, Camera Mounting Kit, Sharp Display Connect License	▶ Includes 10 License for Smart Meeting Pro with service plan	▶ Software included: MyViewBoard, Chrome Browser, Zoom, View Board Cast	▶ Wi-Fi Adaptor included