

## HW SERIES PRODUCT SPECIFICATION - V100 SINGLE BOARD

### Product Appearance and Port Overview



### Product Features

<b>Structure</b>	Full Aluminum Profile + Full Tempered Glass + Zinc Alloy Corner Connectors + Molded Sheet Metal + Internal Structural Components + Plug-in Modules + Wall Mount Bracket (Mobile Stand/Pedestrian Stand Optional)
<b>Color</b>	Profile: Anodized, ivory white on top and bottom + matte black on left and right   Corner bracket: White powder-coated zinc alloy   Rear cover: Black powder-coated sheet metal
<b>Backlight</b>	D-LED Type: Color Gamut: 85% NTSC (Typical Value), Backlight Uniformity 80%
<b>Display Parameters</b>	Brightness: Center Point $\geq 450$ cd/m <sup>2</sup>   Resolution: 4K (3840*2160P)
<b>Front Frame Glass</b>	Tempered Glass: $\geq 3$ mm Thickness, Clear Glass/Anti-Glare Option, Mohs Hardness 7H
<b>Audio</b>	Front Surround Dual Speakers: Active Noise Cancellation, Rich Bass & Clear Treble  2*15W
<b>Built-in camera</b>	8-microphone array + 4 structural holes: Sound pickup distance 10–12 meters + 13MP / 48MP (intelligent noise reduction) / Optional 48MP AI camera (human tracking + sound source localization)
<b>Systems</b>	Android   Windows   Android + Windows (One-Click Switch)
<b>Functions</b>	Auto Light Sensing, Remote Conferencing, Wireless Screen Projection, Electronic Whiteboard Writing, Multi-channel Writing, Child Lock, Screenshot & Sharing, Global Annotation, Fast File Transfer, Split-Screen Display

### Touch System

<b>Induction Type</b>	Infrared Touch System with 40 Touch Points (Up to 100 Touch Points Supported with OPS)
<b>Response Speed</b>	First Touch Response Time < 6ms, Continuous Touch Response Time < 2ms
<b>Connection Method</b>	Full-Speed Built-in USB (Driver-Free)
<b>Touch Accuracy</b>	$\pm 1$ mm
<b>Surface Protection</b>	Anti-Glare Full Tempered Glass: $\geq 3$ mm Thickness (Standard), Mohs Hardness 7H

### Android System

<b>Operating System</b>	Android 14.0 Version
<b>Chip Solution</b>	GKV V100
<b>CPU</b>	8 × A55, Main Frequency 1.2GHz
<b>GPU</b>	Mali-G52 MP2
<b>RAM</b>	4GB/8GB (Optional)
<b>Storage Memory</b>	32GB/128GB (Optional)
<b>Network Connection</b>	Wireless Network Card with RJ45 Port

### Windows System (Optional)

<b>Structural Design</b>	Modular Solution, Pull-out Built-in Type: PC Module Can Be Stably Inserted into the Main Unit. Adopting Standard OPS (Open Pluggable Specification) 80pin Interface
<b>Operating System</b>	Windows 7/10/11
<b>CPU</b>	Intel® Core™ i5 (i7 Optional)
<b>RAM</b>	8GB/16GB/32GB
<b>Storage Memory</b>	128G/256G/512G/1T SSD
<b>GPU</b>	Intel® UHD Graphics, Supporting 3840 × 2160P (4K) Resolution
<b>Software</b>	Whiteboard Software Supporting Editing Modes for WORD, EXCEL, PowerPoint and PDF Presentations, Allowing Annotations and Modifications with Original Trajectories Retained; Supporting Teaching Content Recording

### Operating Environment

<b>Operating Temperature</b>	-10~+50 °C
<b>Storage Temperature</b>	-20°C~60°C
<b>Operating Humidity</b>	10%RH~90%RH
<b>Storage Humidity</b>	10%RH~90%RH
<b>Standard Accessories</b>	Power Cord, Magnetic Stylus 1, Remote Control, WIFI Antenna, User Manual, Wall Mount
<b>Optional Accessories</b>	Screen Projector, Page Turner, Mobile Stand, HDMI Cable, Touch USB Cable

**Product Parameters**

Product Dimensions	55"	65"	75"	85"	86"	98"
Display Size (mm)	1212*682	1431*805	1652*930	1874*1055	1897*1068	2161*1216
Overall Dimensions (mm)	1266*778*85	1486*903*106	1708*1028*106	1954*1168*106	1954*1168*106	2218*1321*106
Packaging Dimensions (mm)	1370*920*200	1600*1000*200	1850*1155*225	2110*1285*225	2110*1285*225	2370*1450*230
Mounting Hole Spacing (mm)	400*400	500*400	600*400	800*400	800*400	1000*400
Thickness with Mount (mm)	108	132	134	140	140	145
Net Weight of Unit (kg)	23	32	43	55	55	86
Gross Weight (kg)	31	42	55	75	75	110
Service Life (h)	≥50,000 h					
Input Voltage (V)	AC 90~264~ (50/60Hz)					
Power Consumption (W)	134	150	165	230	230	390
OPS Power (W)	90					

**Application Scenario Renderings**



**Bracket Installation Diagram**



Pedestrian Stand Installation (Optional)