



Earth

**Educational Series** 

**HERMAN** 

www.horionnepal.com

### Introduction

**HERMAN** is a global pioneer in **Al-powered devices and applications**. Established as an R&D outfit in Rintein, Germany during 2009-10, our award-winning solutions today reach over 15million user across 80+countries.

With a proven legacy of implementing digital board technology in more than 300,000 classrooms across India, we proudly hold the **industry's highest market share in the board sales** historically in the country.

As Education transitions toward a future-ready paradigm, we Deliver AI-driven solutions that seamlessly integrated traditional teaching with modern learning environments. Beyond education, our portfolio extends to enterprise and consumer segments. Our vision is to revolutionize the way people work, learn and live by harnessing the power of intelligence.



### **HERMAN EP-S1 Series**

An advanced AI board designed to transform the teaching experience.



Powered by a High-Performance Octa-core Processor.



Patented Optical Touch Technology for Superior Real-time Writing Experience.



Infinite Canvas: Add Unlimited content to Support dynamic Teaching Sessions.



Edge AI Capabilities: Works seamlessly without an Internet connection



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# HERMAN EP-S1

## **System Technical Specifications comes with AI Integrations**

Brand		HERMAN
Category		Specification
Display Size		75 Inch (Diagonal)
Display Type		Ultra HD IPS LCD A+
Colors & Contrast Ratio		1.07 billion colors. Dynamic Contrast 100000:1, 1300:1(type)
LED Viewing Angle		HDR Display Horizontal 179°, Vertical 179° or better
Resolution		3840 x 2160
Panel Type		LED IPS Panel
Refresh Rate		60Hz
Aspect Ratio		16:9
Contrast Ratio		5000:1
Brightness		450 Nits
LED Lifespan		≥50,000 hours
Gap Between Glass & Screen		Zero Gap Air Bonding
		Removes blue light emission from display to create a safe Environment for
Eye Care Filter		teacher and students.
Technology		Advance Edge Optical Toch
Touch Response Time		≤2ms
Touch Technology		Optical Touch (±3mm or better) with IR
Multi-Touch Gestures		Palm rejection, eraser gesture, seamless writing/erasing
Touch Resolution		32767 x 32767 or better
<b>Touch Points</b>		40 simultaneous Touch points (windows) 20 points (Android)
Toughened Glass		3mm thickness, Mohs 9H hardness, anti-glare, anti-scratch
Gesture Detection		Palm Detection as eraser, intelligently rejects input of accidental from palm of
		other objects while writing along multitouch zoom pan detection.
OS		Android 14.0
Chingot	CPU	Octa (8) core ARM Processor, 8 x A55 CPU
Chipset	GPU	Mali G52 MP2 (4 cores)
Memory & Storage	Memory	8GB DDR4
	Storage	128GB (expandable) & Unlimited Cloud Storage
Camera		48 / 13MP wide angle camera
Microphone		Built-in 8-array Microphone, 8m pickup range
NFC		Yes (Card reader Screen lock & unlock)
Wireless		Bluetooth 5.2: Yes
		802.11 a/b/g/n Dual Band 2.4G and 5GHz: Yes
		Hotspot Support: Yes
Stereo Speakers		Front Facing, Hi-Fi, Stereo Sound output with 20W x 2 with 8Ω impedance,
		built-in subwoofer & Surround, Bass reflex with dual passive radiators.
I\O Ports	Front	USB 3.0 x1 (Shared), USB 2.0 x 1 (Android), USB Type C x 1, Touch USB x
		1, HDMI x 1
	Back & Bottom	HDMI IN x 2, VGA IN x 1, VGA Audio x 1, Touch USB x 1, USB 3.0 x 1,
		USB 2.0 x 1, MicroSD Card x 1, OPS x 1 & <b>Bottom</b> : LAN x 1, SPDIF x 1,
		RS232 x 1



	Voltage	Voltage: 100 V ~ 240 V/AC, 50/60 Hz		
Power	Power	75" ≤300W		
Consumption	Stand By	Stand-by: <0.5 W		
Dimensions &	Dimensions	75": 1730*98*1250mm		
Weight	Weight	75": N.W (51KG), G.W (60KG)		
Temperature Weight		Working Temp: 0°C ~ 40°C, Storage Temp: Minus 10°C ~ 60°C,		
Accessories In the Box		Antenna x 2, Remote, Power Cable, USB touch Cable, HDMI Cable (1.5M),		
		User Manual, Wall Mount Set		
Warranty		3 years onsite support		
Installation & Training		Installation by bidder, 1 training by bidder		
	Wł	niteboard Interactive Software Features		
Feature Description				
Ai Based content Creation Tool		Life Time AI function subscription without additional payment.		
		Default White board app can generate Power point (PPT Presanction) on		
		given topic		
		AI based Lesson Plan Generator as per Guidelines.		
		AI based Document Summarizer: Summaries, any online video, document,		
		and image.		
		AI based Quiz generator.		
		AI based Math/Chemical equation solver with step-by-step explanations.		
		AI based Text-to-image generator.		
		AI based "Circle to Search" (select image areas for concept search)		
Collaboration		• Live multi-student cursor tracking		
		Remote Device management feature		
		• QR code invite for shared whiteboarding		
		Multiple User login in whiteboard app with separate could storage per user.		
		Hybrid class support (manage remote/in-class students)		
		Infinite canvas with palm-erase gestures		
Content Tools		Multi-media import (PDF, PPT, videos)		
		• 3D/VR science labs & simulations		
		• Full library (indexed by class/subject)		
Annotation		Pen/shape tools (custom colors/thickness)		
		Pixel/region eraser		
		On-screen annotation over docs/videos		
		Visualizer integration (annotate on live camera feed)		
Productivity		• Screen recording (FHD+)		
		Split-screen multitasking		
		Wireless file sharing (via QR/access code)		
		Snip tool & document scanner		
UI/UX		Consistent interface across Android/Windows		
		Floating quick-access toolbar		
		Customizable menus (side/floating)		



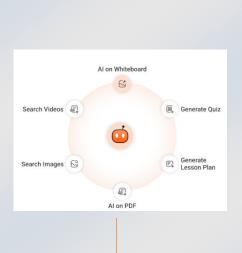


### **Android OS Features**

**Productivity:** Split-screen, Play Store, 4K YouTube, one-click screenshots. **Controls:** Gestures (sleep/float menu), touch on/off button, USB sharing

Comfort and Prevent: Blue light filter, sound equalizer

Product Certification, Authorization and Warranty Requirements.			
<b>Authorized Certifications</b>	OEM must provide authorized Certification.		
Certificate	Bidder must provide, STQC (ERTL) CE, ISO/RoHS & FCC Copy of Certification.		
Manufacturer's Authorized	Bidder must provide Manufacturer's Authorization Letter.		
Warranty and Service Support	3 years warranty and Service Support Commitment Letter.		





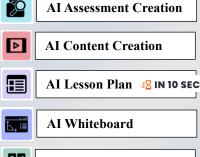
**Bright AI Agent** 

## A Complete AI Class Solution

## For AI-ready Learning Spaces



3D Tools















Magic Wand

