

**COLLEGE OF AGRICULTURE**  
**CCS HAU HISAR**

Proceedings of the meeting of Technical Specifications Committee held on 15.7.2025 at 10.00 am  
for finalization of technical specifications of interactive panels to be purchase/installer,  
commissioned in CCSHAU, COA, Bawal.

Dean, COA  
18/7/2025

S.No.	Parameter	Value/ Range/ Requirement
		Display Panel Configuration
A.		
1	Display Type and Size	Interactive Flat Panel 86"4K
2	Display Resolution	3840X2160
3	Contrast Ratio:	30000:1 (type) or higher
4	Backlight Type	DLED Backlit
5	Display Colour	10 bit (1.07B)
6	Display Brightness (Nits)	600 or higher
7	Display Aspect Ratio	16:9
8	Touch Technology	Infrared Touch
9	Number of touch points (Number)	20 or higher
10	Response time (milli seconds)	4 or lesser
11	Embedded OS	Android 14 or Better
12	Operating System Compatibility	Android/Win/Linux
13	Connectivity/Interface Ports	Inputs: Type-C x1, Touch Out x1, USB 3.0 Type-A x 3, HDMI IN 2.0 x 3, Display port x 1, Microphone In x1; Audio Line out x1, HDMI OUT 2.0 x1; RS232 x1, RJ45 (Gigabit) OUT x1, OPS Slot x1, inbuilt wifi, Bluetooth; VGA Port x 1, TF Card x 1
14	Multimedia Support Images	JPEG, BMP, PNG, Video: MPEG1, MPEG2, MPEG4, H.263, H.264, HEVC/H.265, MVC, AVS, AVS+, WMV3, VCI, Motion JPEG, VP8, VP9, RV30/RV40, Audio: MPEG
15	RAM	8 GB or above
16	Storage	128 GB or higher
17	Slot in for PC Built in	1
18	Provision of in-built speakers	Yes 2 x 20 Watt or better
19	Bluetooth Version	5.0
20	Wi-Fi Version	802.11ac/b/g/n/a; 2.4GHz/5GHz
21	Number of electronic pen or stylus	1
22	On Site OEM Warranty (Year)	3 years

OPS Configuration	
Parameter	Value/ Range/ Requirement
Chipset and Processor Make	Intel i7, 4.4Ghz or higher
Expansion Slots (Mini PCIe/MDot 2) (Number)	2
Processor Generation and Description	10 or higher
Graphics Type	Integrated
Operating System (Pre-Loaded)	Windows 10 Professional with MS Office 2021
Type of RAM	DDR4
RAM Size (GB)	16 or higher
RAM Expandability upto (GB)	32
Type of Storage and Capacity (GB)	SSD 1TB or above
Wi Fi Connectivity	802.11ac Dual Band 2.4GHz & 5.0GHz
Network Connectivity	10/100/1000 on board Integrated Gigabit Port
Bluetooth Connectivity	Version 4.2
USB Port 2.0 (Number)	2
USB Port 3.0 (Number)	2
HDMI Port (Number)	1
Video Support	HDMI 2.0, 4KUHD@60Hz
Display Port (Number)	1
On Site OEM Warranty (Years)	3