



Minimum Requirement for Specification of LED Smartboard, OPS Computer and Trolley Stand

1. LED Smart Board (Interactive Flat Panel)	
Parameters	Minimum Requirement
Screen Size	65 inches or 75 inches (as per requirement of school.)
Back light Type	Direct LED (D-LED) Technology or better
Screen Resolution	Minimum 3840*2160
Refresh Rate	Minimum 60Hz
Brightness	Minimum 350 cd/m ²
RAM	Minimum 8 GB
ROM	Minimum 128 GB
CPU	Minimum Octa Core A55 (1.2 GHz min speed for each core.)
GPU	Mali-G52 GPU or better
System OS Version	Minimum Android 13.0
Touch Type	Minimum 20 Point IR Touch
Touch screen Glass	4mm, Anti Glare Toughened Glass
Touch Response Time	8ms or less
Touch Accuracy	±2 mm or less
Wifi / Hotspot	Should support Dual Band Wi-Fi.
Wireless Screen Mirroring	Support Wireless Screen Mirroring on Windows, MAC, Android and IOS system.
Speaker	Built in Speaker should be provided.
Camera /Mic	Optional (Can be made mandatory as per school's requirement)
Default System Language	English (Multi Language Support)
White Board	Built in white board application.
Minimum I/O Ports	HDMI in/out -1/1, USB Port 3.0 /2.0 - 3, LAN/Ethernet port-1, RS232 port-1, Touch USB-1, Type C-Port -1, OPS slot.
LED Life	Minimum 50000 Hours
Delivery, Installation & Training	Delivery and Installation/setup on the proposed location by school should be done. Required Networking for LAN Connectivity and Power Socket installation should be done.
Accessories	Basic Training use and operation of the device shall be provided.
Warranty	IR Remote Control-1, Touch Pen-2, Power Cable-1, HDMI Cable-1, Wall Mount Bracket-1
Certification	Minimum 3 Years Product Warranty should be provided. Product must be CE Certified.
Product Datasheet	Datasheet with required parameters must be viewable in OEM Website. (Datasheet must be provided during procurement process)
2. OPS Computer	
Parameters	Minimum Requirement
CPU	Minimum Core i5-11th Gen
OS	Minimum Windows 11 x 64 bit
RAM	Minimum 8 GB DDR4
ROM	Minimum 256GB M.2 SSD
Graphics	Integrated Graphics
Minimum Input and Output Ports	HDMI Port-1, Display Port-1, USB Port (2.0/ 3.0) - 3, Ethernet/LAN Port-1, Microphone IN port, Audio OUT port
Warranty	Minimum 3 Years Product Warranty should be provided.
3. Trolley Stand	
Description	Heavy Duty Movable and Locking Trolley Stand holding capacity 90KG with mounting accessories.

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