

Aver 65" CP Series Interactive Flat Panel - Interactive Flat Panel		Complied (Y/N)	Remarks
QTY - 3			
Requirements			
Display Panel			
Screen size	65 in		
Resolution	4K Ultra HD 3840 × 2160		
Display ratio	Landscape 16:9		
Brightness	350 cd/m2		
Contrast ratio	1200:1		
Response time	≤9 ms		
Frame rate	60 Hz		
Viewing angle	178°		
Lifetime	Up to 30,000 hrs		
Sensing type	Projected capacitive		
Touchpoints	10 points for writing, 20 points for touch, 10 points for Zoom Rooms Whiteboard		
Touch-screen writing tool	Finger or active capacitive pen		
Communication interface	Full-speed USB		
Touch interface	USB 2.0 type B		
Touch pen	Active pen		
Glass coating	Anti-Fingerprint and Anti-glare		
Surface hardness	Toughened glass (level 7 MoHS)		
PC Module			
Type	Pluggable		
Model	OPS-Z1		
CPU	Intel® Core™ i7-7700 3.6GHz 65 W		
RAM	DDR4 16 GB		
Hard drive	128 GB SSD		
Graphics	Intel® HD 630		
Soundcard	Integrated high-definition audio stereo		
Networking	10/100/1000 Mbps		
Wi-Fi	Intel® 802.11 ac 2.4 & 5 Ghz (2 antennas included)		
Bluetooth®	4		
Operation system	Windows® 10 IoT LTSC		
Connectivity	USB 3.0 x6, RJ45 x1, mic in x1, earphone out x1, VGA out x1a, DisplayPort out x1b, HDMI 1.4 out x1c, Kensington Security Slot		
Dimensions	246 x 265 x 35 mm		
Net weight	1.92 kg		
Gross weight	2.46 kg		
Physical Specs & Dimensions			
Dimensions	1491 × 958 × 88 mm		
Net weight	43 kg (PC module not included)		
Gross weight	59.46 kg		
Wall-mount screw	M8 × 25 mm		
VESA	600 × 400 mm (4 x M8)		
Handles	2		
Touch-pen holder	1		
Connectivity			
HDMI 2.0 in	2		
touch USB-B	2		
VGA in	1		
audio in	1		
audio out	1		
S/PDIF	1		
AV in	1		
USB 2.0	4 (service only)		
USB 3.0	1 (service only)		
RS-232	1		
RJ45	1		
PC module slot	1		
Camera			
Sensor	Sony Exmor™ 4K CMOS sensor		
Frame rate	4K Ultra HD at 25 fps, up to Full HD 1080p60		
Field of view	94° diagonal, 85° horizontal, 55° vertical		
Lens	Fixed		
Lens focal length	3.37 mm ±5%		
Lens F#	2.8		
S/N ratio	>50 dB		
Minimum illumination	1.4 lx (50 IRE, F 2.8, shutter 1/30)		
2D noise reduction	Yes		
Camera angle	-20° tilt embedded camera		

	Microphone		
	Microphone array	13-element microphone array	
	Sensitivity	-26 dBFS	
	SNR	65 dB	
	Sensitivity tolerance	±1 dB	
	Speaker		
	Type	Built in	
	Power output	12 W × 2	
	Power		
	Voltage	100 ~ 240 V, 50/60 Hz	
	Standby power	≤0.5 W	
	Power consumption	200 W	
	Operation Environment		
	Operation temperature	0°C ~ 40°C	
	Operation humidity	10% ~ 90%	
	Storage temperature	-20°C ~ 60°C	
	Storage humidity	10% ~ 90%	
	Accessories		
	Standard	Power cord x 1, touch pen x 1 (AA battery not included), touch-pen holder x 1, HDMI 2.0 cable x 1, touch cable x 1, quick-start guide x 1	
	Certifications		
	FCC	Yes	
	CE, CB, BSMI	Yes	
	Warranty & Service		
	Warranty	3 years	
	On-site service	Installation and Configuration	

AverCB-310 Interactive Control Box - The Hub of the Classroom		Complied (Y/N)	Remarks
Requirements			
Operating system	Android™ 7.1		
RAM	4 GB DDR3		
ROM	8 GB / 32 GB (optional)		
LED indicator	Green: power on Red: standby Off: power off		
Wireless band	2.4 & 5 GHz		
Wireless connectivity	802.11n & 802.11ac MIMO		
Wireless standard	AC1200		
Wireless speed	860 Mbps		
External USB camera support	Yes, via software USB 3.0; USB 2.0 UVC		
Android™ hotspot	Up to 10 users		
Communication protocol	RS-232		
Network connectivity	Gigabit / 10 / 100 Base-T Lan (WOL included)		
Bluetooth	Bluetooth® 4.2		
Wall mount	Yes		
Certification	CE, FCC, BSMI, NCC, SRRC		
Video input	Select through menu with preview		
Auto resolution detection	Yes		
	Output: up to 4K / 2K at 60fps		
	Input:		
	1920 x 1080		
	1280 x 720		
	1600 x 1200		
	1680 x 1050		
	1440 x 1050		
	1440 x 900		
	1366 x 768		
	1360 x 768		
	1280 x 1024		
	1280 x 960		
	1280 x 800		
	1024 x 768		
	ScreenShare: up to 1080p		
	H.264: 4K / 2K at 30fps		
Codec	Decoder VP9		
	HDMI x 3		
	VGA x 1		
	USB 2.0 Type-A x 1		
	USB 3.0 Type-A x 1		
Input	3.5 mm x 1 (audio)		
	3.5 mm x 1 (microphone)		
	IR x 1		
	RS-232 x 1		
	HDMI x 2		
Output	Touch USB Type-B x 1		
	3.5 mm x 1 (audio)		
	RS-232 x 1		
Warranty	3 years Support Warranty		
	Installation and Configuration		

85" Class TU8000 Crystal UHD 4K Smart TV		Complied (Y/N)	Remarks
QTY - 2			
Requirements			
Type	Crystal UHD		
Series	UHD 8 Series		
Design	Boundless Design		
Color	BLACK		
Stand Type	SLIM FEET		
Screen Size	84.5" Measured Diagonally		
Resolution	4K UHD (3840 x 2160)		
Motion Rate	MR 120		
Color	PurColor		
HDR (High-Dynamic Range)	HDR		
Picture Processor	Crystal Processor 4K		
Viewing Angle	Standard Viewing Angle		
Film Mode	Yes		
Dolby	Yes		
Sound Output (RMS)	20W		
Speaker Type	2CH		
Multiroom Link	Yes		
Bluetooth Headset Support	Yes		
Wi-Fi Connectivity	Yes (802.11ac)		
Wi-Fi Direct	Yes		
Bluetooth	Yes (ver.4.2)		
Smart Hub	Yes (incl. Universal Guide and TV Plus)		
Processor	Crystal Processor 4K		
Apps Platform	Smart TV Powered by TIZEN™ with Apps and Full Web Browser		
AI Upscale	4K Upscaling		
Works with Google Assistant	Yes		
Voice Assistants	Built-in Amazon Alexa, Google Assistant and Bixby		
Digital Clean View	Yes		
Game Mode	Yes (Game Enhancer)		
Ambient Mode	Yes		
USB HID Support	Yes		
Eco Sensor	Yes		
Mobile to TV - Mirroring, DLNA	Yes		
SmartThings App Support	Yes		
HDMI Connections	3		
USB	2		
Ethernet (LAN)	Yes		
Composite In (AV)	1		
Terrestrial / RF input	1/1(Common Use for Terrestrial)/0		
Digital Audio Out (Optical)	1		
Audio Return Channel Support (via HDMI port)	Yes		
RS232C	Supports USB to Ex-Link Adapter		
Product Size (W x H x D) Without Stand	74.6" x 42.7" x 2.5"		
Product Size (W x H x D) With Stand	74.6" x 46.7" x 15.4"		
Stand Size (WxHxD)	3.1" x 10.9" x 15.4"		
Shipping Size (W x H x D)	82.3" x 49.1" x 10.2"		
Product Weight Without Stand	70.5 lb.		
Product Weight With Stand	71.9 lb.		
Shipping Weight	137.3 lb.		
Power Supply (V)	AC110-120V 50/60Hz		
Typical Power Consumption	100		
Maximum Power Consumption	300		
Standby Power Consumption	0.5		
DTV Tuner	ATSC/ClearQAM		
Digital Broadcasting	ATSC/ClearQAM		
Analog Tuner	Yes		
Vesa Wall Mount Compatibility	Yes		
Remote	OneRemote		
Remote Control Battery	Yes		
Power Cable	Yes		
User Manual	Yes		
E-Manual	Yes		
Clean Cable Solution®	Clean Cable Solution®		
Flat TV	Yes		
Smart TV	Smart TV Powered by TIZEN™		
4K UHD Resolution	Yes		
HDR	Yes		

BOSE TV SOUND SYSTEM BLACK 838309-4100		Complied (Y/N)	Remarks
QTY - 2			
Requirements			
Dimensions/weight	Speaker:2.2" H x 23.4" W x 4" D (4.3 oz)		
	Remote control:4.1" H x 1.6" W x 0.5" D (1.12 oz)		
	Power cord:5 ft		
	Optical cable:5 ft		
Materials	Top: Matte finish		
	Front: Metal grille		
Battery	Remote control: 1 CR2032 lithium battery		
Bluetooth	Bluetooth range: Up to 30 ft (9 m)		
	Bluetooth version: 4.2		
	HDMI ARC (Audio Return Channel)		
Input	Optical in		
	AUX in		
	Power cord input		
	USB (for service only)		
	Wired bass module (optional)		
Colors	Black		