

لَا تُحَرِّمُوا ثَمَرَ الْخَمْرِ، خُرُوفٍ مَكْرُوحَةٍ

نَدَّخَرُوا خَيْرَ شَيْءٍ إِلَّا سَرَّسُوهُ ۚ فَخَرَّدُوهُ فَرَدَّاهُ ۚ
 فَسَرَّسُوهُ فَرَدَّاهُ ۚ فَخَرَّدُوهُ فَرَدَّاهُ ۚ فَسَرَّسُوهُ



لَا تُخْرِجُوا خُزْنَ، خُزْنُ

دستورالعملی

1. **وَمِنْهُمْ مَّنْ يَّهْدِي اللَّهُ**

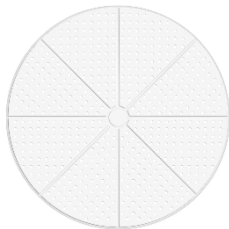
1.2 $\frac{1}{2} \frac{d}{dt} \left(\frac{1}{2} m v^2 \right) = \frac{1}{2} m v \frac{dv}{dt} = \frac{1}{2} m v \frac{d}{dt} \left(\frac{1}{2} m v^2 \right)$

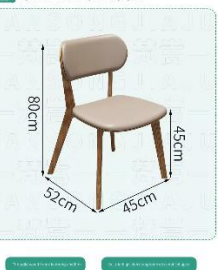
[illegible][illegible]

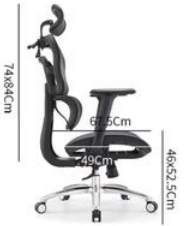
Item Name	Quantity	Specification	Artwork
Foldable Meeting/conference Table	62	▪ Base/Bracket: 3.0mm-thick magnesium ▪ Column: 2mm-thick aluminum ▪ Beam: 50 X 25 X 1.5mm cold-rolled steel, length adjustable	

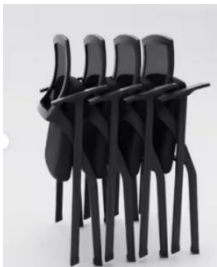
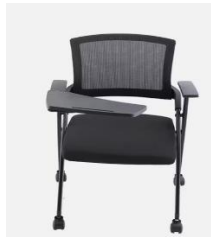
See full pictures in Annex 1		▪ Metal colors: white ▪ Glide: PP· Optional lockable 2.5inch PU castors ▪ Wood top foldable· Stackable for space saving ▪ With Modesty panel, length adjustable ➢ Overall length: 1200mm ➢ Overall width: 600mm ➢ Overall height: 750mm	
Foldable chair See full pictures in Annex 2	160	Crafted from highly durable magnesium and fabric for a comfortable seat, and magnesium alloy legs for the toughest of lives· Quickly foldable and side stacked· With Castor-wheels· <u>Features</u> ▪ Light-weight and Durable Die cast Aluminium Chair Frame in Stackable design for neater environment ▪ Moulded Foam Seat with Customizable Fabric Colors ▪ Hard-wearing Nylon Castor Wheels allows Ease of Manoeuvring while Protecting Flooring <u>Dimensions in mm</u> Overall width: 595mm Overall Height: 870mm Floor to seat height: 465mm Castor Wheel: 3.5 inch	 

		<u>Material</u> ▪ Die Cast Aluminium Chair Frame ▪ Fabric Foam Cushion Seat ▪ Nylon Wheel Castor Color need to be aproved	
Foldable Table With Cloth Cover, Cloths (24 PCS) See full pictures in Annex 3	12	▪ NBH – Folding Table ▪ Portable ▪ Brand: NBH ▪ Model: HTR150F ▪ Color: White/Grey ▪ Material: Plastic + Metal Legs ▪ Features: ▪ Seats 6 to 8 people. ▪ Easy to fold and carry with handle. ▪ Suitable for indoor or outdoor settings. ▪ Space-Saving: Folds flat for easy storage. ▪ Durable Build: Sturdy plastic top and metal legs ensure long-lasting use. ▪ Dimension: ▪ Width x Depth x Height ▪ Millimeter (mm): ▪ Dia- 1520 x H 730mm ▪ Inch ("): ▪ Dia- 59.8" x H 28.7" ▪ Feet (') Inch ("): ▪ Dia- 5' x H 2'5"	

		Folded Dimension: W 1520 x D 760 X H 90mm (W 59.8” x D 29.9” x H 3.5”)																					
Coctail Table With Covering Cloths (Covering Cloths 16 PCS) See full pictures in Annex 4	8	- MNI - Dining Table - Brand: MNI - Model: DT510 - Color: White - Shape: Round - Material: Plastic - Dimension - Diameter x Height - Millimeter (mm): - Dia- 700 x H 1050mm - Inch (”): - Dia- 27.6” x H 41.3” - Feet (') Inch ("): - Dia- 2'4" x H 3’5”	 																				
Dutbin See full pictures in Annex 5	4	Height 600mm Stainless Steel Foot Pedal Round shape 27L																					
Interactive Flat Panel Displays (IFPs) with Stand See full Information in Annex 6	1	<table><tr><th>Component</th><th>Technical Parameter</th><th>Minimum Requirement Specifications</th></tr><tr><td rowspan="2">Display & Visuals</td><td>Screen Type</td><td>Direct-lit LED Backlight with Anti-Glare/Anti-Fingerprint tempered safety glass.</td></tr><tr><td>Display Size</td><td>98-inch diagonal minimum.</td></tr><tr><td></td><td>Native Resolution</td><td>3840 x 2160 (4K UHD) at a minimum refresh rate of 60Hz.</td></tr><tr><td></td><td>Aspect Ratio</td><td>16:9 widescreen format.</td></tr><tr><td></td><td>Viewing Angle</td><td>178° horizontal and vertical minimum.</td></tr><tr><td></td><td>Display Colors</td><td>1.07 Billion colors (10-bit) with automated ambient light brightness adjustments.</td></tr></table>	Component	Technical Parameter	Minimum Requirement Specifications	Display & Visuals	Screen Type	Direct-lit LED Backlight with Anti-Glare/Anti-Fingerprint tempered safety glass.	Display Size	98-inch diagonal minimum.		Native Resolution	3840 x 2160 (4K UHD) at a minimum refresh rate of 60Hz.		Aspect Ratio	16:9 widescreen format.		Viewing Angle	178° horizontal and vertical minimum.		Display Colors	1.07 Billion colors (10-bit) with automated ambient light brightness adjustments.	
Component	Technical Parameter	Minimum Requirement Specifications																					
Display & Visuals	Screen Type	Direct-lit LED Backlight with Anti-Glare/Anti-Fingerprint tempered safety glass.																					
	Display Size	98-inch diagonal minimum.																					
	Native Resolution	3840 x 2160 (4K UHD) at a minimum refresh rate of 60Hz.																					
	Aspect Ratio	16:9 widescreen format.																					
	Viewing Angle	178° horizontal and vertical minimum.																					
	Display Colors	1.07 Billion colors (10-bit) with automated ambient light brightness adjustments.																					

Card Holder Sofa 10 PCS Annex 7	10	Overall length: 1200mm Overall width: 600mm Overall height: 1050mm On seat 450mm	
120cm Long Table with Wood veneer Annex 7	7	Overall length: 1200mm Overall width: 600mm Overall height: 750mm	
60cm Wooden Leather Square Table Annex 7	10	Overall length: 600mm Overall width: 600mm Overall height: 750mm	
Single Chair Annex 7	15	Overall length: 450mm Overall width: 520mm Overall height: 800mm and 450mm	

Ergonomic chair Annex 8	18	Ergonomic chair Back frame PP+ fiber, head pillow can be up and down the belt hanger Single frame cushion + imported special network 3D lifting handrail Stage 3 locking multi-functional chassis 350MM aluminum fit +60MM all-black PU wheel	 
Bean Bag	5	Color: Royal blue - Cream - Dark Orange Dimentions: 900mm*1100mm Faux linen or other fabric	 90*110CM

velvet storage stool	10	Same as stool in Munus Hub	
Training Chair with Table Board	50	Feature: Material: stand: metal ;armrest: PP; back: mesh felt;Cushion: high density sponge;writing pad: ABS Must include: writing pad and wheels	  

Podium	3	Magnetic removable plate with council logo and name or sticker More information on Annex 8	
Powered Loudspeaker	2	Item Type: 2 x 10" Powered Loudspeaker (Enhanced, Monitor-Capable) Driver Configuration: 10" woofer + 1" compression driver Power Output: 1400W Class-D amplifier Max SPL: 127 dB peak Frequency Response: 52 Hz – 23 kHz (-10 dB) DSP Voicing Modes: Music, Live, Club, Monitor + Indoor/Outdoor settings Monitor Features: Dedicated Monitor voicing mode, built-in monitor wedge angle for floor monitor use Feedback Control: Built-in Feedback Eliminator Channel Features: Music Ducking (auto-reduces Ch-2 when Ch-1 receives signal) Inputs / Outputs: Ch-1: XLR/TRS (mic or line); Ch-2: XLR/TRS line + stereo 1/8" aux; Thru output	

		Wireless Connectivity: Bluetooth playback & control, app-based speaker linking App Support: Companion app for EQ, voicing modes, and channel level control Mounting: Standard pole mount Dimensions: 22.4" x 13.0" x 12.8" (569 x 330 x 325 mm) Weight: 25.6 lb / 11.6 kg (per unit)	
Channel Digital Anti-Feedback Processor	2	Item Type: 2 x 2-Channel Digital Anti-Feedback Processor Channels: 2 Inputs/Outputs: XLR & Jack input and output per channel Operating Modes: Fixed mode (storable filters/presets), Live mode (real-time analysis and editing) Filter Precision: Extremely narrow notch filters, up to 1/80 of an octave Programmable Filters: 24 per channel Indicators: LED chain for all 24 filters per channel, LCD display Connectivity: USB port (firmware updates) Power: Internal power supply Format: 19" / 1U rack unit	

HDMI Cable (High Speed)	10	Item Type: HDMI Cable (High Speed) Length: 15ft / 4.5m Connector Type: HDMI Type A to HDMI Type A HDMI Version: HDMI 2.1 Bandwidth: 48Gbps Resolution Support: Up to 4K@60Hz (backward compatible with 2K, 1080p, 720p) Compatible Devices: MacBook, iMac, Mac Mini, Apple TV, Windows laptops & desktops, Microsoft Surface, monitors, TVs, projectors, and any standard HDMI-enabled device Audio Support: ARC/eARC, multi-channel digital audio Materials: Braided nylon jacket, gold-plated connectors Colour: Black	
IEC C13 'Kettle' Power Cable Lead with UK Pin Plug	10	Item Type: IEC C13 'Kettle' Power Cable Lead with UK Pin Plug Connector Type: C13 (IEC) to UK 3-Pin Plug Length: 10m Fuse Rating: 13A Max Power Capacity: Up to ~2990W at 230V (within 13A fuse limit) — suitable	

		for most amplifier/subwoofer power draw Compatible Devices: Computers, Monitors, Printers, and other electronics with a C13 inlet Safety Features: Moulded strain relief, safety standard compliant Construction: Premium materials for durability and reliable power transfer	
USB-C to HDMI Multiport Adapter	10	Item Type: USB-C to HDMI Multiport Adapter Colour: Gray Ports / Interface: HDMI 2.1, USB-C (PD), USB 3.0, USB 2.0 Compatible Devices: Laptops, Tablets, Smartphones with USB-C (Thunderbolt 3/4 compatible) — MacBook Pro/Air, iPad Pro, Chromebook, Surface Book, Galaxy S21/S20/S10, etc Charging (Power Delivery): 27W max via USB-C USB Data Transfer Speed: 10 Gbps (USB 3.0 / 3.1 Gen 1) Video Output: 4K (backward compatible with 2K, 1080p, 720p) Materials: Aluminum alloy Dimensions: 2.3" x 2.1" x 0.4" (60 x 55 x 10 mm)	

		"Cable Length: 130mm / 0.5 Weight: 0.04 kg / 0.88 oz	
Softbox	2	Item Type: Softbox (8-Sided Octagon Shape) Interior Color: Silver Light Compatibility: Built-In Speed Ring with Godox Mount: For Godox AD300Pro / Godox AD400Pro / Godox ML60 Accepts Grids: Yes (Included)	
Bi Color LED Video Light	2	Item Type: LED Monolight Included Light Modifier: Lens Included Storage Case: Yes Photometrics at 3.3' / 1 m: 3200K: 288 fc / 3100 Lux (Unmodified) Spot Beam at 3200K: 2323 fc / 25,000 Lux (with Lens) 5600K: 344 fc / 3700 Lux (Unmodified) Spot Beam at 5600K: 2750 fc / 29,600 Lux (with Lens) Color Temperature: 2800 to 6500K Color Modes: Daylight, Tungsten Color Accuracy Standard: CRI 96 TLCI 96 Dimming: App-Controlled / Built-In Dimmer 0 to 100% Front Accessory Mount: Proprietary	

		Wireless Remote Control Type: Bluetooth Power Source: Battery (Included) USB Power (Cable Included) AC to DC Adapter (Not Included) Battery Plate Type: Proprietary (Built-In) Battery: Proprietary Rechargeable (Included) Input Power: 12 to 20 VDC at 1.5 to 5 A Fixture Mounting: 1/4"-20 Female Thread	
Air Cushioned Light Stand	2	Stand Type: General Purpose Stand Height: Maximum Working 114.2" / 290 cm Minimum Working Height: 48.4" / 123 cm Load Capacit: 22 lb / 10 kg Stand/Column Top Mount: 5/8" Receiver Wheels: Optional Air Cushioned: Yes Weight: 4.4 lb / 2 kg	
Split ND Filter Set for DJI Mavic 4 Pro (2-3 Stops)	1	Filter Type: Solid ND Exposure Reduction: 2 to 3 - Stop Size: Dedicated Filter Material: Glass	
Cooling Fan for Sony Camera	2	Compatibility: Sony FX3 / FC30 / ZV-E1 / ZV-1 / a7S III / a6700 / a7C / ZV-E10 / ZV-E10 II / a7 IV / a7C II	

		USB I/O: 1 x USB-C (Power Only) Female Input Power Source: USB DC Input Power: 4.5 to 10.8 VDC at 1 to 2 A Power Consumption: 18 W (Maximum) 5 W (Typical) Mounting: 1x Mounting Frame (8 Options) Color: Black Material of Construction: Aluminum, ABS+PC Plastic Operating Conditions: 32 to 113°F / 0 to 45°C	
Micro-HDMI to HDMI Cable	1	Interface: HDMI 2.0 Connector 1: 1x Micro-HDMI Male Connector 2: 1x HDMI Male Cable Length: 13.8" / 35 cm Active/Passive: Passive Maximum Resolution Support: 3840 x 2160 at 60 Hz Materials: Jacket: Thermoplastic Elastomer (TPE) Color: Black	
COB Light	1	Item Type: 1x COB LED Monolight Included Light Modifier: 1x Reflector 1x Softbox with Removable Grid Included Storage Case: Yes	

		Photometrics at 3.3' / 1 m: 361 fc / 3881 Lux Photometrics (with Reflector) at 3.3' / 1 m: 1609 fc / 17,317 Lux Color Temperature: 2700 to 6500K Color Modes: Daylight, Tungsten Color Accuracy Standard: CRI 95 TLCI 97 Dimming: Built-In Dimmer 0 to 100% Cooling System: Fan Built-In Flash: No Preprogrammed Effects: No Umbrella Mount: Yes Front Accessory Mount: Proprietary Bowens S Wireless Remote Control Type: Bluetooth Power Source: AC to DC Adapter (Included) Battery (Included) USB Power (Cable Not Included) Inputs/Outputs: 1x Barrel / Coax Power Input 1x USB-C Power Input Battery: 1x Proprietary Rechargeable, 22.2 VDC, 15,600 mAh, 57.72 Wh (1x Included) Battery Runtime: 30-Minute Runtime at Maximum Brightness	
--	--	--	--

		Battery Charge Time: 2.5-Hour Charge Time via USB-C Battery Charging: 1x AC to DC Adapter (Included) 1x USB-C Wall Charger (Not Included) Input Power: 24 VDC at 5 A 100 to 240 VAC, 50 / 60 Hz Included Adapter / Cable: 1x USA Type-A/B Plug to Barrel / Coax AC to DC Adapter Power Pass-Thru: No Power Consumption: 100 W (Maximum) Fixture Mounting: 1x 1/4"-20 Female Thread Included Mount Adapter: 1x Swivel Mount: 5/8" Receiver to Proprietary	
Camera Strap	2	Item Type: 1 x Neck/Shoulder Strap for Camera Colour: Black Adjustable Strap: Yes Attachment Method: To Camera: Lug Ring, Loop Load Capacity: 198.4 lb / 90 kg Quick Release: Yes Materials: Nylon/Polyester/Rubber Strap Length: 59.8" / 152 cm	

		Strap Width: 1.8" / 4.5 cm Weight: 4.9 oz / 139 g	
SD Card	3	Card Type: SDXC Storage Capacity: 128 GB Bus Type: UHS-II Speed Class: Class 10 / U3 / V90 Read Speed: Maximum: 300 MB/s Write Speed: Maximum: 260 MB/s Minimum: 90 MB/s Built-in Write-Protect Switch: Yes Operating Conditions: 32 to 158°F / 0 to 70°C Storage Conditions: -13 to 185°F / -25 to 85°C	
SD Card	2	Card Type: SDXC Storage Capacity: 265GB Bus Type: UHS-II Speed Class: Class 10 / U3 / V90 Read Speed: Maximum: 300 MB/s Write Speed: Maximum: 260 MB/s Minimum: 90 MB/s Built-in Write-Protect Switch: Yes Operating Conditions: 32 to 158°F / 0 to 70°C Storage Conditions: -13 to 185°F / -25 to 85°C	
Closed Back Audio Monitor	2	Wearing Style: Dual Ear with Headband Foldable: Yes Earpiece Swivel: Yes Open/Closed-Back: Closed-Back Impedance: 38 Ohms	

		Active Noise Cancellation: No Frequency Response: 15 Hz to 28 kHz Built-In Mic: No Audio Connector: 1x 1/8" / 3.5 mm TRS Included Adapter: 1/4" TRS Wearing Style: Dual Ear with Headband Foldable: Yes Earpiece Swivel: Yes Earpiece Design: Over-Ear (Circumaural) Open/Closed-Back: Closed-Back Sound Field: Stereo Driver Type: Dynamic Driver Size: 1.8" / 45 mm Impedance: 38 Ohms Active Noise Cancellation: No Frequency Response: 15 Hz to 28 kHz Sensitivity: 99 dB Maximum Power Handling: 1600 mW Built-In Controls: No Wired Audio Connector: 1x 1/8" / 3.5 mm TRS Included Adapter: 1/4" TRS Connector Plating: Gold Cable Design: Detachable / Straight Cable Length: 9.8' / 3 m, 3.9' / 1.2 m	
Lens Cap	1	Type: Front Size: 82 mm Attachment Method: Snap-On	



32



652 8831



info@kulhudhuffushicity.gov.mv



www.kulhudhuffushicity.gov.mv



@kfcitycouncil

SD Card Reader	3	Media Card Reader: 1x SDXC (UHS-II “312 MB/s”) 1x microSDXC (UHS-II “312 MB/s”) Host Connection: USB-C 3·1/3·2 Gen 2 via Detachable Cable Power Source: Bus Powered Operating Conditions: 32 to 104°F / 0 to 40°C up to 95% Humidity Storage Conditions: -4 to 185°F / -20 to 85°C up to 95% Humidity Enclosure Material: Aluminum Dimensions: 4·1 x 2·3 x 0·5" / 103·4 x 57·7 x 12 mm	
Charger for Godox V860III-S (Charger Model VC26 Battery Charger)	1	Model: Godox VC26 USB Battery Charger Type: USB Battery Charger Purpose: Flash Battery Charging Compatible Batteries: VB26, VB26A, VB26B (Li-ion) Compatible Flash Models: Godox V1S, V1C, V1N, V1F, V1O, V1P, V1Pro, V860III, V860III-C, V860III-N, V860III-S, V860III-O, V860III-F, V850III, AD100PRO Input: DC 5V 2·0A Output: DC 8·4V 1A Interface: Type-C Indicator: LED Status Indicator (Charging Status)	

		Charging Cable: USB charging cable not included (requires separate cable) Power Source: USB Power Adapter (5V 2.0A required)	
Clip-on Wireless Microphone	1	Wireless Technology: Digital 2.4 GHz Diversity: Non-Diversity Max Operating Range: 1115.5' / 340 m (Line of Sight) Receiver Type: 1x Camera-Mount 1x Plug-In (USB-C) Number of Audio Channels: 4 Included Transmitters: 2x Clip-On Microphone Type: 2x Built-In (Clip-On Transmitter) Included Charging Case: Yes, with Integrated Battery RF Frequency Band: 2400 MHz Max Transmitters per Band: 4 Latency: 20 ms (Maximum) Encryption: No Built-In Recorder: Yes (on Transmitter via Built-In Storage) Timecode Support: Yes Receiver Mounting Options: Shoe-Mount (with Included Hardware) Receiver Antenna: 2x Internal Receiver Audio I/O: 1x 1/8" / 3.5 mm TRS Unbalanced Line Output 1x 1/8" / 3.5 mm TRS Headphone Output USB/Lightning Connectivity: 1x USB-C Male	

		Receiver Frequency Response: 20 Hz to 20 kHz Receiver Display: LCD (Non-Backlit) Receiver Power Requirements: Battery, Bus Power (USB) Transmitter Antenna: Internal Transmitter Input Level: Microphone Transmitter Audio I/O: No Transmitter USB I/O: No Transmitter Muting: Off/On Switch Transmitter Auto-Level/Gain: Yes Transmitter Frequency Response: 20 Hz to 20 kHz Transmitter Sync Method: 2.4 GHz QPSK Transmitter Display: No Microphone Polar Pattern: Omnidirectional Microphone Frequency Response: 20 Hz to 20 kHz Microphone Maximum SPL: 128 dB Microphone Sensitivity: -37 dBV Microphone Color: Gray Receiver Battery Type: 1x Built-In Rechargeable Receiver Battery Life: 12 Hours Transmitter Battery Type: 1x Built-In Rechargeable Transmitter Battery Life: 11 Hours Battery Charging Time: 1.5 Hours Charging Case Additional Runtime: 36 Hours Charging Case Battery: 2000 mAh Rechargeable Charging Input: USB-C	
--	--	--	--

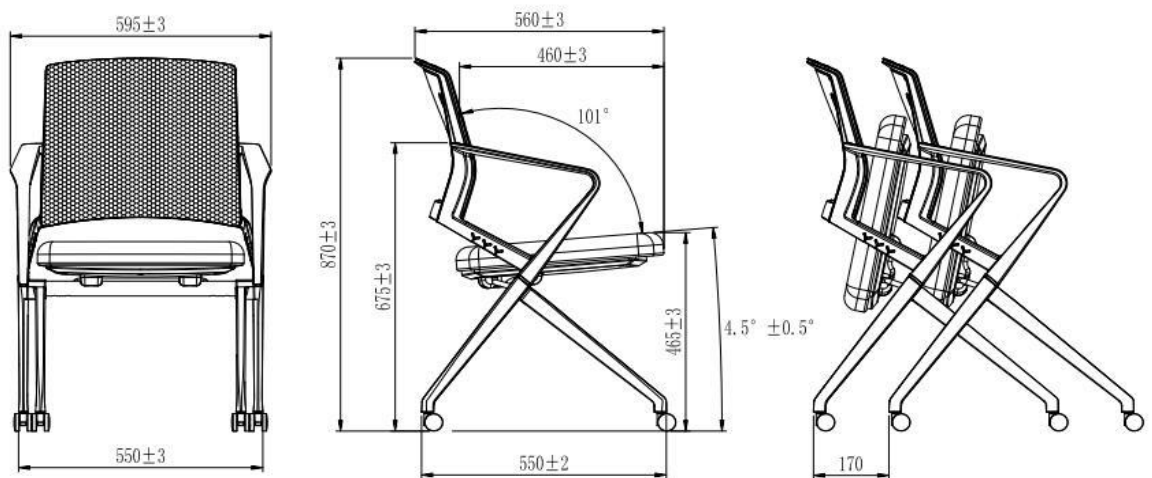
		AC/DC Power Adapter: No Environmental Resistance: No Receiver Dimensions: 2.1 x 1.2 x 0.9" / 54.2 x 29.5 x 22.3 mm 1.6 x 1.1 x 0.4" / 40.7 x 27 x 9.1 mm Transmitter Dimensions: 1.8 x 0.9 x 0.4" / 45.1 x 23.4 x 10.2 mm Receiver Weight: 0.8 oz / 24 g 0.2 oz / 5.9 g Transmitter Weight: 0.5 oz / 14 g	
--	--	--	--

1 1





2 2



3. ٲٲٲٲٲٲ



4. ٲٲٲٲٲٲ



ٲٲٲٲٲٲ: 32 ٲ 25

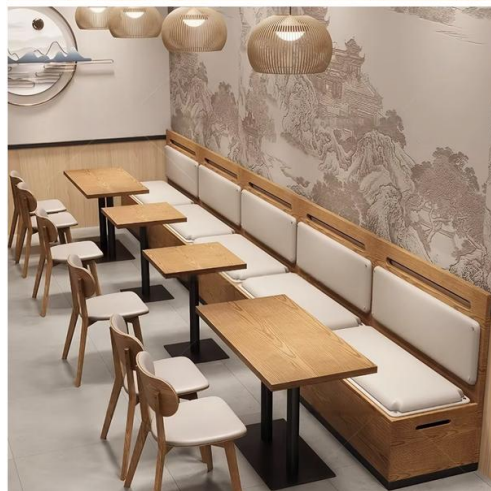
5 5



Core Interactive Flat Panel Specifications

Component	Technical Parameter	Minimum Requirement Specifications
Display & Visuals	Screen Type	Direct-lit LED Backlight with Anti-Glare/Anti-Fingerprint tempered safety glass.
	Display Size	98-inch diagonal minimum.
	Native Resolution	3840 x 2160 (4K UHD) at a minimum refresh rate of 60Hz.
	Aspect Ratio	16:9 widescreen format.
	Viewing Angle	178° horizontal and vertical minimum.
	Display Colors	1.07 Billion colors (10-bit) with automated ambient light brightness adjustments.
Touch Mechanics	Sensing Technology	High-precision Infrared (IR) sensing framework.
	Touch Points	Minimum 40 to 50 simultaneous touch points supporting multi-user collaboration.
	Writing Interface	Supports dual-color recognition, gesture erasing (palm erase), finger writing, smart charts, flowcharts, and instant whiteboard launching via integrated NFC tap module.
Core Hardware	Processor (CPU)	Flagship 8-Core configuration (Quad-core ARM Cortex-A73 + Quad-core ARM Cortex-A53 framework).
	System Memory	8GB DDR4 RAM minimum.
	Storage	128GB high-speed flash storage (ROM) minimum.
	Operating System	Android version 13.0 or higher.
	Ecosystem Licensing	MANDATORY REQUIREMENT: Google Enterprise Devices Licensing Alliance (EDLA) Certified. Panel must run a native Google Enterprise UI out of the box with official, unrestricted access to the Google Play Store , native Google Workspace apps (Drive, Docs, Sheets, Meet, Chrome), and full Google Workspace Admin Console centralized cloud device management integration.

Audio & Video	Built-in Camera	Integrated top-mounted 48MP Ultra HD AI Video Conferencing Camera featuring Auto-Framing, face-detection, and a minimum 102° distortion-free wide-angle lens.
	Microphone Array	Integrated 8-array microphone built into the touch frame; 12-meter sound pickup range, 180° wide-angle capture, AI background noise reduction, and Echo-Free full-duplex dual talk capabilities.
	Speaker System	Integrated multi-driver high-fidelity stereo soundbar system with a minimum combined output of 60W (featuring 2x 20W Front Speakers paired with an integrated 20W Low-Frequency Subwoofer).
Connectivity	Audio/Video Inputs	HDMI 2.0 In x 3 minimum, VGA In x 1, Audio In x 1.
	Audio/Video Outputs	HDMI Out x 1, Audio Out / Earphone x 1, Digital Optical SPDIF Out x 1.
	Data & Touch Interface	USB 3.0 x 4 minimum, Type-C (Full-Function supporting 4K Video, Audio, Touch-back, and minimum 65W Power Delivery) x 1, USB Touch-Back type-B ports x 2.
	Network	Dual-Band Wi-Fi (Wi-Fi 6 supported), Bluetooth version 5.3 minimum, and Gigabit Ethernet RJ45 Lan ports (In/Out switch hub functionality).





Item: Intelligent Multimedia Lectern with Pro-Audio Conversion Bridge

Section	Specification Requirement
1. General Description	Mobile, highly integrated intelligent digital lectern with an industrial-grade touchscreen interface, internal high-performance computing, and motorized ergonomics. Must interface seamlessly with an external large-format LED display wall and an existing analog house sound system via an included professional digital-to-analog USB isolation interface.
2.1 Display & Touch Screen	• Minimum 27-inch diagonal active matrix display. • Native 4K Ultra High Definition (UHD) 3840 x 2160 pixels. • High-precision capacitive touch glass supporting a minimum of 20 simultaneous touch points. • Full lamination process, 10-bit color depth (min 1.07B colors), 178° viewing angles, and a fixed 20° panel operating angle. • Rated backlight lifetime of at least 30,000 operational hours.
2.2 Computing & OS	• Flagship 64-bit Octa-Core processor (4 high-performance cores / 4 high-efficiency cores). • Neural processing unit (NPU) delivering a minimum of 6 TOPS of computing power. • Minimum 8GB system RAM paired with at least 64GB internal solid-state flash storage. • Secure enterprise-grade Android 12 ecosystem (or equivalent proprietary platform OS) optimized for whiteboard tools, document markup, voting functions, and file management. • Integrated high-speed Wi-Fi and Bluetooth wireless modules.
2.3 Structure & Ergonomics	• High-durability commercial-grade metallic construction with a clean, minimalist aesthetic. • Motorized intelligent lifting column adjusting between a minimum height of 1130mm and a maximum height of 1326mm via single-click control. • Integrated smooth-glide multi-directional mobile casters built into the base. • Built-in folding utility tray and an integrated upper document receptacle.

3.1 Physical Interface Ports	• Upper Panel (Connector Group 1): Min 2 x USB 3.0 Type-A high-speed ports, 1 x HDMI Video Input port, and 1 x Full-function USB Type-C port. • Lower Base (Connector Group 2): Min 1 x HDMI Video Output port, 1 x USB Type-C data port, and 1 x RJ45 Gigabit Ethernet LAN port.
3.2 Audio Input & Control	• 1 x Detachable matched pair of gooseneck condenser pickup microphones mounting securely into the top panel frame. • Hardware-level dedicated physical or touch-capacitive microphone mute button integrated on the workspace panel.
4. Standard System Accessories	• Screen Mirroring Suite: 1 x High-definition hardware screen mirroring device with its dedicated receiver head for plug-and-play, lag-free wireless audio/video broadcasting. • Input Tools: 1 x Precision digital writing pen or stylus compatible with the capacitive display. • Cabling: 1 x Power adapter suited to local voltage requirements, and 1 x 5-meter high-speed HDMI cable.
5. Mandatory Pro-Audio Bridge	• Interface Type: Class-compliant, high-resolution Stereo USB Digital-to-Analog Converter (DAC) Direct Box (DI Box). • OS Compatibility: Driverless plug-and-play operability natively recognized by the Android operating system over USB. • Power: Powered directly over USB connection from the lectern base Type-C port; no external power supply required. • Analog Outputs: Dual (Left and Right) low-impedance, balanced male XLR outputs capable of driving line-level sound signals up to 100 meters without loss. • Electrical Isolation: Built-in high-performance physical audio isolation transformers to shield from electromagnetic interference. • Manual Controls: Physical Ground-Lift switch, built-in mono-summing switch, and a variable analog output level control knob. • Build Quality: Rugged, heavy-duty 14-gauge steel enclosure for continuous commercial presentation environments.