



Native Resolution: Full HD (1080p) 1920 x 1080
Screen Coating: Anti-glare 3H hardness
Backlight Technology: LED backlight
Color Support: 16.7 million colors
Built-in Devices: USB 3.2 Gen 1/USB-C hub
USB Power Delivery: 90 Watt
Features: LED edge light system, Flicker Free technology, Color Gamut 99% sRGB stand lock, 3-sided bezelless, Comfort View Plus*

Item 02: Laptop

Quantity: 8

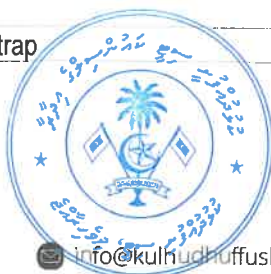
Warranty: Minimum 1 Year Hardware Warranty

Specification	Description / Features
Brand	Dell, HP, ACER or an equivalent brand
Released year	2023 and after
Processor	13th Gen Intel® Core™ i5-1335U (12 MB cache, 10 cores, 12 threads, up to 4.6 GHz Turbo)
Operating System	Windows 11 Pro, English, Genuine 1 year
Video Card	Intel® Integrated Iris® Xe or UHD Graphics
RAM	8 GB: 1 x 8 GB, DDR5, 5600 MT/s (5200 MT/s with 13th Gen Intel® Core™ processors)
Hard drive	512 GB, M.2, PCIe NVMe, SSD
Keyboard	Backlit Keyboard with Numeric Keyboard, English US
Ports	2 x USB-A ports 1 x Thunderbolt™ 4 1 x Headset jack 1 x HDMI 1.4 port 1 x RJ45 Ethernet port
Wireless	Intel® Wi-Fi 6 2x2 (Gig+) and Bluetooth 5.2
Accessories	1 x Charger

Item 03: Laptop Bag

Quantity: 8

Specification	Description / Features
Dimensions	Width 12-12.6 in Depth 5.5-6.5 in Height 16.9-17.5 in
Notebook Compatibility	Fits most laptops with screen sizes up to 15.6"
Additional Compartments	Umbrellas, bottle, side external pocket
Features	Water bottle holder, water-resistant, zippered front pocket, foam padded laptop compartment
Carrying Strap	Hand grip, shoulder carrying straps



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Item 04: Fingerprint Machine

Quantity: 1

Warranty: Minimum 6 Month Hardware Warranty

Specification	Description / Features
Fingerprint Capacity	8000 (1: N)
ID Card Capacity	10,000 (Optional)
Record Capacity	200,000
Display	3.5-inch TFT Screen
Communication	TCP/IP, RS232/485, USB (host/client)
Standard Functions	- Web Server, SMS, Automatic Status Switch, Self-Service Query, Work Code - T9 input, 9 Digits User ID, DST, Schedule Bell, Photo ID, Anti-pass back, Built-in Battery
Access Control Interface	3rd Party Electric Lock, Door Sensor, Exit Button, Alarm and Doorbell
Optional Functions	ID/Mifare/HID, GPRS, Wi-Fi, ADMS, External Printer, Camera
Wiegand Interface	Input & Output
Software	ZKTime. Net 3.0, ZKTime Enterprise/Lite
Power Supply	DC 12V 3A
Verification Speed	≤0.5 Sec.
Operating Temp.	0 °C- 45 °C
Operating Humidity	20%-80%
Dimension	158.99 × 211.54 × 44.78 mm (Length × Width × Thickness)
Battery	built-in 2000mAh backup battery



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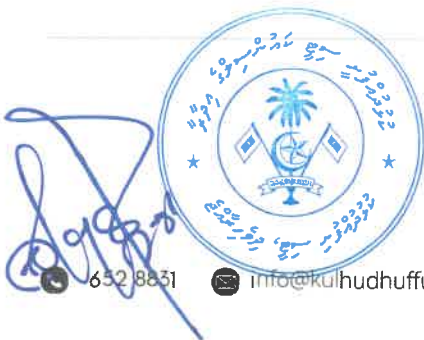


Item 05: Smart Tv 55"

Quantity: 5

Warranty: Minimum 1 Year Hardware Warranty

Specification	Description / Features
Type	UHD 4K SMART
Screen Size	55"
Display Type	Crystal Display
Display Resolution	3,840 x 2,160
Brightness	Brightness Detection
Color	1B Colors
Refresh Rate	50Hz
Noise Reduction	Analog Clean View
Design - Info	3 Bezel-less
Design - Frame Color	Black
Design - Stand Design	Slim feet
Picture (Processing) - Color Enhancement	Dynamic Crystal Color
Picture (Processing) - Clarity Enhancement	Yes
Picture (Processing) - Contrast Enhancement	Yes
Picture (Processing) - Picture Modes	Film Mode/Natural Mode
Picture (Processing) - HDR (High Dynamic Range) Compatibility	HDR 10+
Picture (Processing) - Picture Processor	Crystal Processor 4K
Picture (Processing) - Motion Enhancer	Motion Accelerator
Sound (Speakers / Amplifier) - Speaker Type	2Ch
Sound (Speakers / Amplifier) - Audio Power Output	20W
Sound (Processing) - Sound Modes	Q Symphony/Object Tracking Sound Lite/Adaptive Sound
Sound (Processing) - Dolby Audio Format Support	Dolby Digital Plus
Sound (Processing) - DTS Audio Format Support	DTS Digital Surround
On-Board Storage	Apps Only
Bluetooth	Yes (BT5.2)
Wi-Fi	Yes (WiFi5)
Ethernet	Yes
Smartphone Connectivity	Yes
Playable Formats (Data)	MP4/MKV/AVI
Inputs	MP4/MKV/AVI
Outputs	Optical / HDMI ARC
Memory Card / USB Support	USB Flash Drive / HDD
Built-In Microphone	Remote Mic (Bixby)
Remote Control	One Remote
Built-In Tuner - TV System (Analog)	Yes
Other Information	Edge to-edge screen / Samsung Dex (Office 365 / Google meet supported) / Q-Symphony / Remote PC / Smart things compatible with built-in IoT hub



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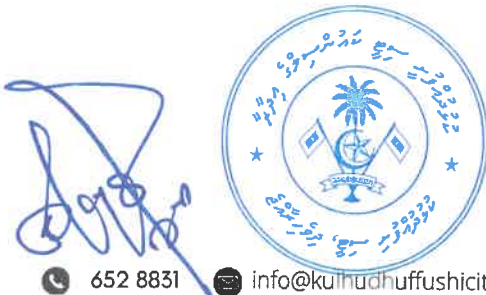


Item 06: Portable Speaker

Quantity: 1

Warranty: Minimum 1 Year Hardware Warranty

Specification	Description / Features
Mounting Type	Floor Standing
Material	Plastic
Speaker Type	Multimedia
Special Feature	Bass Boost, LED Light, Built In Microphone
Recommended Uses for Product	For Smartphones or Tablets
Compatible Devices	Laptop, Personal Computer, Smartphone
Subwoofer Diameter	8 Inches
Controller Type	Button, App Control
Color	Black
Is Waterproof	TRUE
Number of Items	1
Control Method	App, Touch
Wireless Communication Technology	Bluetooth
Speaker Size	3.5 Millimeters
Power Source	Corded Electric
Signal-to-Noise Ratio	80 dB
Woofer Diameter	8 Inches
Tweeter Diameter	2.75 Inches
Water Resistance Level	Water Resistant
Package Type	FFP
Number of Batteries	Lithium-Ion batteries required.
Audio Driver Type	Dynamic Driver
Audio Driver Size	8 Inches
Subwoofer Connectivity Technology	Wired
Connectivity Protocol	Bluetooth
Includes MP3 player?	No
Number of Power Levels	1
Specific Uses for Product	parties, concerts, nightclubs, backyard events, poolside gatherings, outdoor activities, live performances, karaoke
Style	Party Speaker
Batteries	Lithium-Ion batteries required.



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Item 07: Wireless Mic (2 Handheld)

Quantity: 1

Specification	Description / Features
Carrier Frequency	2404 - 2478MHz
Encryption	AES - 128
Working Range	30m (100ft)
Latency	< 12ms
Frequency / Channel selection	Adaptive channel selection
Frequency Response	50Hz - 15KHz
Dynamic Range	100dB 1K Hz
Signal -to -Noise	59dBA
THD	< 1% 94dB SPL, 200 - 10KHz
Microphone Rechargeable Battery	600mAh, 3.7V Li-ion battery
Dongle Battery	700mAh 3.7V Li-ion battery
Playtime of Microphone	up to 20 hours
Playtime of Dongle	up to 12 hours
Microphone battery charge time	< 2.5H in off mode
Dongle battery charge time	< 2.5H in off mode
Microphone Head	16mm ECM
Transmitting power	< 10dBm
Receiver maximum output level	< 1V RMS





Item 08: Cat6A UTP Cable Roll 305M

Quantity: 1

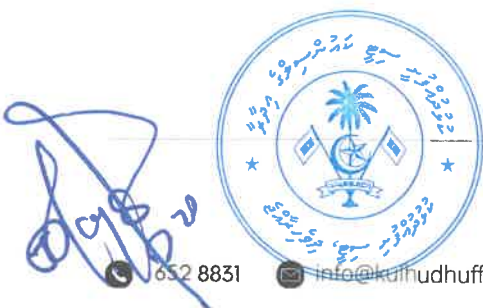
Specification	Description / Features
Number of Conductors	8
Color	Blue Grey
Certification	CE/ROHS/ISO9001
Length	305m 1000ft
Jacket	LSZH PVC
Shield	Copper Braided Wire
Conductor	0.4CCA / 0.5CCA / 0.4CU / 0.5CU
Support maximum 500MHz and high-performance Category 6A	
Provides 10 Gbits high performance transmission	

Item 09: Cloud Gateway

Quantity: 1

Warranty: Minimum 1 Year Hardware Warranty

Specification	Description / Features
Processor	Quad-core ARM® Cortex®-A53 at 1.5 GHz
System memory	3 GB DDR4
On-board storage	512 GB NVMe SSD
Management interface	Ethernet Bluetooth
Networking interface	LAN: (4) 1/2.5 GbE RJ45 ports WAN: (1) 1/2.5 GbE RJ45 port
Processor	Quad-core ARM® Cortex®-A53 at 1.5 GHz
DS/IPS throughput	1.5 Gbps*
*Measured with iPerf3 on a DHCP network. Performance may be reduced with PPPoE depending on ISP implementation.	
Power method	USB type C (5V DC/5A)
Supported voltage range	100–240V AC
Max. power consumption	16.1W
LCM display	0.96" status display
Button	Factory reset
Ambient operating temperature	-10 to 40° C (14 to 104° F)
Ambient operating humidity	5 to 95% noncondensing
Certifications	CE, FCC, IC
Advanced networking	License-free SD-WAN Wire Guard, L2TP and OpenVPN server OpenVPN client OpenVPN and IPsec site-to-site VPN One-click Teleport and Identity VPN Policy-based WAN and VPN routing DHCP relay Customizable DHCP server IGMP proxy





IPv6 ISP support

Should Compatible with Unifi Device

Item 10: Ethernet Switch

Quantity: 1

Specification	Description / Features
Management interface	Ethernet In-Band
Networking interface	(8) 2.5 GbE RJ45 ports (2) 10G SFP+ ports
PoE interface	(8) PoE/PoE+ (Pins 1, 2+; 3, 6-)
Total non-blocking throughput	40 Gbps
Switching capacity	80 Gbps
Forwarding rate	59.52 Mpps
Power method	Universal input, 100—240V AC, 2A Max., 50/60 Hz
Power supply	AC/DC, internal, 150W
Supported voltage range	100—240V AC
Total available PoE	120W
Max. PoE+ wattage per port by PSE	32W
Voltage range PoE mode	PoE: 44—57V PoE+: 50—57V
LCM Display	(1) 1.3" color touchscreen
Mounting	Desktop-mountable (Do not physically stack the USW-Enterprise-8-PoE)
ESD/EMP protection	Air: ± 16kV, contact: ± 12kV
Ambient operating temperature	-5 to 45° C (23 to 113° F)
Ambient operating humidity	10 to 90% noncondensing
Certifications	CE, FCC, IC
Layer 2 features	IGMP snooping STP / RSTP with priorities and port-level disable Port isolation Storm control Voice VLAN Port mirroring LACP port aggregation Multicast / broadcast rate limiting MAC address blocking Flow control 802.1X control Jumbo frames



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	Proprietary loop protection
	DHCP snooping / guarding
	Egress rate limit
	LLDP-MED
	Port restricted by MAC
	Device isolation with ACLs
Layer 3 features	DHCP for locally managed networks
	DHCP relay
	Inter-VLAN routing between networks on same switch
	Static routing between local networks
Should Compatible with Unifi Device	

Item 11: Access Point

Quantity: 3

Specification	Description / Features
Networking interface	(1) 1/2.5 GbE RJ45 port
Management interface	Ethernet
Power method	PoE+
Power supply	UniFi PoE switch
Supported voltage range	44—57V DC
Max. power consumption	21W
Max. TX power	
2.4 GHz	23 dBm
5 GHz	26 dBm
6 GHz	23 dBm
MIMO	
2.4 GHz	2 x 2 (DL/UL MU-MIMO)
5 GHz	2 x 2 (DL/UL MU-MIMO)
6 GHz	2 x 2 (DL/UL MU-MIMO)
Max. data rate	
2.4 GHz	688 Mbps (BW40)
5 GHz	4.3 Gbps (BW240)
6 GHz	5.7 Gbps (BW320)
Antenna gain	
2.4 GHz	4 dBi
5 GHz	6 dBi
6 GHz	5.8 dBi
LEDs	White/blue
Buttons	Factory reset



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Mounting	Wall/ceiling (Included)
Ambient operating temperature	-30 to 40° C (-22 to 104° F)
Ambient operating humidity	5 to 95% noncondensing
Certifications	CE, FCC, IC
WiFi standards	802.11a/b/g/n/ac/ax/be (WiFi 6/6E, WiFi 7)
Wireless security	WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3/PPSK)
BSSID	8 per radio
VLAN	802.1Q
Advanced QoS	Per-user rate limiting
Guest traffic isolation	Supported
Concurrent clients	300+
802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11b	1, 2, 5.5, 11 Mbps
802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11n	6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40)
802.11ac	6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80/160)
802.11ax (WiFi 6/6E)	7.3 Mbps to 2.4 Gbps (MCS0 - MCS11 NSS1/2, HE 20/40/80/160)
802.11be (WiFi 7)	7.3 Mbps to 5.7 Gbps (MCS0 - MCS13 NSS1/2, EHT 20/40/80/160/240/320)
Should Compatibale with Unifi Device	

Item 12: Printer

Quantity: 1

Warranty: Minimum 1 Year Hardware Warranty

Specification	Description / Features
Copy	
Printing Method	Digital 4 LED Full-color Electrophotographic Printing Method
Scanning Resolution	Up to 600 x 600 dpi
Copy Paper Size	A3, A4, A5, A6, B4, B5, B6, Letter, Legal 13, Legal 13.5, Legal 14, Executive, Tabloid (11" x 17"), Statement, Folio, 8K, 16K, Envelopes, Postcard, Return postcard, Custom Size: Width 64-297 mm x Length 90-1321 mm
Maximum Copies	999 Sheets
Copy Speed	A4 35 cpm color, 35 cpm mono
Warm-up Time	Approx. 32.0 seconds from power-on
Box Contents	Starter toner cartridge x 4, Image Drum x 4, Power cable, DVD-ROM, Ferrite Core
Print	
Processor Speed	800MHz
Printing Resolution	600 x 600 dpi 600 x 1200 dpi (4 levels) 600 x 600 dpi Physical dot pitch: 600 dpi



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Print Quality	ProQ 2400 multi-level technology, 1200 x 600dpi, 600 x 600dp
Paper Size	A3, A4, A5, A6, B4, B5, B6, Letter, Legal 13.5, Legal 14, Executive, Tabloid (11" x 17"), Statement, Folio, 8K, 16K, Envelopes, Postcard, Return postcard, Custom Size: Width 64-297 mm x Length 90-1321 mm 1.3m Long Banners
Print Speed	A4(Landscape) 35 ppm color, 35 ppm mono A3 20 ppm color, 20 ppm mono
Warm-up Time	32 seconds or less from power on
Supported OS	Windows 10/11 (should support below), 32/64bit; macOS 10.12 and above;
Scan	
Scan Resolution	Max. 600 x 600 dpi
Scan Speed	Max. 50 ipm Color, 50 ipm mono
Output Format	Secure PDF, High compression PDF, JPEG, TIFF, XPS
Fax	
Transmission Resolution	Normal: 8 dots/mm x 3.85 lines/mm Fine/Photo: 8 dots/mm x 7.7 lines/mm Ultra-Fine: 16 dots/mm x 15.4 lines/mm
Paper Size	Max. A3, Min. A5
Fax	
Connectivity	USB 2.0 Device, 10/100/1000 Ethernet, Host USB X 2, Wireless 802.11a/b/g/n
OS Compatibility	Windows 7 (32-bit & 64-bit), Windows 8 (32-bit & 64-bit), Windows 8.1 (32-bit & 64-bit), Windows 10/11 (32-bit & 64-bit)
Interface & Software	
Memory	Standard RAM: 1.26GB Standard Hard Disk Drive: 250GB
Power Supply	Single phase 220–240VAC, frequency 50/60Hz +/- 2%
Weight	60-70kg
Duty Cycle	Maximum: 75,000 - 77000 pages/month. Average: 10,000 - 12000 pages/month



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