

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ



دیسریکشن آف ایجوکیشن، گورنمنٹ آف اترکھنڈ
دہلی، ہریانہ

دہلی گورنمنٹ

دہلی گورنمنٹ آف ایجوکیشن، ایجوکیشن ڈیپارٹمنٹ "ای" ڈویژن
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ایڈویژن نمبر: (IUL)459-PL/459/2024/25

18 دسمبر 2024

ایڈیشنل سیکریٹری، ایجوکیشن ڈیپارٹمنٹ، گورنمنٹ آف اترکھنڈ

27 دسمبر 2024

11:00

دۇسەمبەردىكى ۱۵-كۈنىدە تەييارلانغان "ئىسپاتلىق" رىسپوندىنىڭ نەتىجىسى

دۇسەمبەردىكى ۱۵-كۈنىدە تەييارلانغان رىسپوندىنىڭ نەتىجىسى

Computer System - Minimum Specification (QTY: 6)

CPU	i5 12th GEN or later
Memory	16 GB, Dual-Channel DDR4
Motherboard	SATA III Support & RAM upgradable to 32 GB
Storage	512 GB M.2 NVMe SSD (OS) and 512 GB SSD
Network	Gigabit LAN
Graphics	Inbuilt Graphics (intel)
Monitor	Dell P2422H 24" FHD IPS Monitor with HDMI and D-Port (both cables must be included)
Keyboard	Wired USB 2.0 QWERTY Enhanced Keyboard
Mouse	Wired USB 2.0 Optical Scroll Mouse + Mouse pad
USB Ports	Front 2 (1 x USB 3.0 or 1 x USB 4.0) 4x Back ports
OS	Genuine Win 11 Professional 64 Bit (23H2 or later)
Drivers	OEM Drivers for the defined OS
Webcam	Autofocus 1080p Webcam (USB) with Microphone
Conferencing Headsets	USB wired, echo cancellation full over-ear headphones with oval-shaped dual ear-cups/earpieces, noise cancelling built-in microphone and remote/buttons to adjust volume, mute microphone
Warranty	Minimum of twelve (12) months parts and labor

Mini-Computer with accessories - Minimum Specifications (QTY: 1)

Type	Mini/Micro/Ultra Small/Ultra Compact Form Factor
CPU	Intel i5 12th Gen (or later)
Memory	16 GB RAM, DDR4 (SO-DIMM form factor or similar)
Storage	512 GB, M.2 2280 PCIe 4.0 x4 NVMe SSD

Network and Bluetooth	Gigabit LAN Ethernet 10/100/1000 Mbps; Bluetooth 4/5
Graphics	Intel UHD / Iris Xe Graphics, HDMI / D-port (Support up to 4K resolution @60Hz)
Monitor	Desktop 24" Flat Screen UHD Monitor with HDMI and D-port; VESA mount compatible
Keyboard	Wireless Keyboard full-size (QWERTY Enhanced, 101 keys, U.S. layout) with Nano USB Receiver (Note: keyboard+mouse combo)
Mouse	Wireless Optical Scroll Mouse with Nano USB Receiver + Mouse pad (Note: keyboard+mouse combo)
Minimum Ports	USB A Front 1 Port and Back 2 Ports USB C Port (or 1 USB A to USB C Adapter) Headphone / Mic Port DC-IN port (Power adapter included)
TPM	fTPM 2.0 or TPM 2.0 onboard module included
OS	Genuine Win 10 Professional 64 Bit (or later)
Drivers	OEM drivers for the define OS
HDMI 50M Wireless Extender Transmitter & Receiver with USB-C Power Port	Transmitter with 1×HDMI, 1×USB-C; Receiver with 1×HDMI, 1×VGA, 1×USB-C for power supply; Resolution of 1080P@60Hz; Transmission Distance of 50 m/164 ft; Must include x2 USB-A to USB-C cable for power and x1 USB-A power adapter (5V ± 5% ≥ 1A)
Additional Accessories	5 Meter Power code for the monitor
	5 Meter USB extension Cable
	USB A to HDMI Adapter
	USB A extension/additional HUB (Minimum 4 USB A ports)
	USB A to Ethernet Adapter (10/100/1000 Gigabit)
Other Requirements	PC must be VESA mount compatible. PC must be able to mount on to back of the monitor, as it is or with a separate mounting bracket or such (should be included if needed)
Warranty	Minimum of twelve (12) months parts and labor

IClock990 Fingerprint Time Attendance Device - Minimum Specifications (QTY: 1)

- Fingerprint Capacity : 8.000
- ID Card Capacity : 10.000 (Optional)
- Record Capacity : 200.000
- Display : 3.5-inch TFT Screen
- Communication : RS232/485, TCP/IP, USB-host/client
- Standard Functions : Workcode, SMS, DST, Scheduled-bell, Self-Service Query, Automatic Status Switch, Photo ID, T9 Input, Anti-passback, Camera, Built-in Battery
- Optional Functions : ID/Mifare/HID, Webserver, Wi-Fi, GPRS, 3G
- Software: ZK 5.0, ZKTime Enterprise, ZKTime Small Business, BioTime 7, ZKTime.Net 3.0
- All adapters, cables and mounting brackets must be included
- Minimum of twelve (12) months warranty

Video conferencing system (Logitech Rally) - Minimum Specifications (QTY: 1 Set)

- **Rally Camera:**
 - Zoom: 15x HD zoom (5x optical + 3x digital)
 - Pan: 180° (±90°)
 - Tilt: 140° (+50° / -90°)
 - Field of View
 - Diagonal: 90°
 - Horizontal: 82°
 - Vertical: 52°
 - Total Room Coverage: 262° wide x 192° tall (field of view + pan and tilt)
 - Resolutions @ 30fps: 4K Ultra HD, 1440p, 1080p, 900p, 720p, and SD
 - Resolutions @ 60fps: 1080p, 720p
 - RightLight Technologies: Wide Dynamic Range (WDR), low-light compensation, video noise reduction, low-light saturation optimization
 - Privacy: Lens parks at -90° in sleep mode for assured privacy
- **Rally Mic Pod:**
 - Pickup Range: 7 m diameter
 - Four omnidirectional microphones forming eight acoustic beams
 - AEC: Acoustic Echo Cancellation
 - VAD: Voice Activity Detector
 - Background noise suppression

- Mute button with LED status indicator
 - Captive 2.95 m 12-pin cable
 - Daisy chain up to 7 Rally Mic Pods
 - Frequency Response: 90Hz – 16kHz
 - Sensitivity: >-27 dB +/-1dB @ 1Pa
 - Microphone data rate: 48 kHz
 - Recommended # of participants
 - Rally (one Mic Pod): 16
 - Additional participants per Mic Pod: 6
 - Recommended participants for Rally with 7 Mic Pods: 46
- **Rally Speaker:**
 - High-performance 76 mm driver with rare-earth magnet
 - Patent-pending suspension system eliminates vibration-induced camera shake and audio interference
 - Mini XLR cable connects to Rally Display Hub for both signal and power
 - Speaker volume 95dB SPL @1W, 100dB SPL @7.5W, both +/-2dB at ½ meter
 - Sensitivity: 95+/-2 dB SPL at ½ meter
 - Distortion: 200Hz–300Hz <2.5%, 300Hz–10kHz < 1% @7.5W
 - Sampling rate: 48 kHz
 - **Rally Table Hub:**
 - Single CAT6A cable connection to Rally Display Hub 5 m cable included, supports customer-supplied cables up to 50 m
 - Hub 5 m cable included, supports customer-supplied cables up to 50 m
 - Active speaker detection: analyzes audio from up to 7 Mic Pods and 56 beams every 8 ms
 - 12 Pin connector for Rally Mic Pod
 - HDMI Type A passthrough to Display Hub
 - USB Type C
 - USB Type A (reserved for future capability)
 - USB Type B (connects to meeting room computer)
 - RJ45 (reserved for future capability)
 - Power input
 - **Rally Display Hub:**
 - HDMI Type A: (connects to displays)
 - USB C (connects to Rally Camera)
 - USB Type B (connects to meeting room computer)
 - RJ45: connects to Table Hub
 - Mini XLR
 - Powers one / two Rally Speakers
 - Power input

- **Remote Control:**
 - RF remote control
 - CR2032 batteries (included)

- **Cables / Power:**
 - Camera to Display Hub, 2 m USB 3.1 Type C to USB Type C 3.1
 - Conference Room Computer to Display or Table Hub, 2 m USB 3.1 Type A to USB Type B
 - Display Hub to Table Hub, 5 m CAT6A Ethernet cable (supports customer-supplied cables up to 50 m)
 - Display Hub to Speaker, 2.95 m Mini XLR (supports customer-supplied extension cables up to 3 m)
 - Conference Room Computer to Displays, 2 m HDMI A
 - Mic Pod, 2.95 m: Hardwired with 12 pin connector
 - Power Outlets to Power Supplies, 1 m
 - Power Supplies to Table Hub / Display Hub, 1.5 m

- **Additional Requirements:**
 - RALLY MOUNTING KIT: Rally Mounting Kit with cable retainers and mounting brackets for camera, speakers and hubs
 - MIC POD MOUNT: Anchors mics and hides cables for a finished look
 - All cables and connectors needed for setup completion must be included
 - Setup/technical assistance should be provided.

- **Certifications:**
 - Certified for Skype for Business and ready for Teams
 - Zoom Certified
 - Certified for Google Hangouts Meet Hardware
 - Microsoft Cortana® certified
 - Cisco Jabber and WebEx compatible
 - Compatible with BlueJeans, BroadSoft, Video, and other video conferencing, recording, and broadcasting applications that support USB cameras

- **Compatibility:**
 - Plug-and-play USB connectivity

- **Warranty:**
 - Minimum of twelve (12) months parts and labour

Machineries Requirement		
#	Details	QTY required
1	Computer system	06
2	Mini Computer with accessories	01
3	Finger Machine	01
4	Video Conference 1 set	01