

**THE MALDIVES NATIONAL UNIVERSITY  
AMED PROJECT - E LEARNING STUDIO  
COMPUTER & PHERIPHERALS**

**Group-1**

<b>1 Notebook</b>		
<b>Qty 4</b>		
	<b>Lenovo Thinkpad L480 or equivalent</b>	<b>Your brand and Specifications</b>
Processor	Core i5 4M Cache (8th Gen)	
Memory	8GB DDR4	
Display	14", Antiglare	
Graphics	Integrated Intel UHD 620	
Audio	Dolby Audio, Dual far-field microphones	
Camera	HD 720p	
Keyboard	Spill resistant	
Connectivity	2x2 AC WiFi Bluetooth® 4.2 LTE-A NFC	
Ports/Slots	2 USB-C 2 USB 3.0 HDMI 4-in-1 Micro SD card reader RJ-45 Audio combo jack	
Storage	512GB SSD	
OS	Windows 10 Professional Genuine	

<b>2 Notebook (Tablet mode)</b>		
<b>Qty 2</b>		
	<b>Lenovo Yoga 530-14IKB or equivalent</b>	<b>Your brand and Specifications</b>
Processor	Core i5 6M Cache (8th Gen)	
Memory	8GB DDR4	
Display	14" FHD, IPS touchscreen	
Graphics	NVIDIA® GeForce® MX130	
Audio	Harman speakers with Dolby Audio Premium	
Camera	HD 720p	
Hinge	360° Rotatable	
Connectivity	2x2 AC WiFi	
Ports/Slots	USB-C 2 x USB 3.0 HDMI 4-in-1 card reader Audio combo jack	
Storage	512GB SSD	
OS	Windows 10 Professional Genuine	

<b>3 Laptop</b>		
<b>Qty 1</b>		
	<b>Minimum Requirements</b>	<b>Your brand and Specifications</b>
Processor	i7 (8th Gen)	
Memory	16GB DDR4	
Storage	1TB SSD	
Graphics	GeForce, 6GB	
Operating System	Windows 10 Professional x64 Genuine	
Warranty	1 Year	

<b>4 Desktop PC (Multimedia)</b>		
<b>Qty 2</b>		
	<b>Minimum Requirements</b>	<b>Your brand and Specifications</b>
Monitor	LED 27", HDMI	
Processor	Core i7, 8th Gen, 6 Cores	
Memory	32GB DDR4 RAM	
Keyboard & Mouse	USB	
Video output	HDMI	
Storage	1 TB SSD 2TB HDD	
Graphics	GeForce, 6GB, GDDR6	
Operating System	Windows 10 Professional x64 Genuine	
Warranty	3 year parts	

<b>5 Desktop PC i7</b>		
<b>Qty 1</b>		
	<b>Minimum Requirements</b>	<b>Your brand and Specifications</b>
Processor	Core i7, 8th Gen, 6 Cores	
Memory	16GB DDR4 RAM	
Keyboard & Mouse	USB	
Storage	500GB HDD	
Operating System	Windows 10 Professional x64 Genuine	
Warranty	3 year parts	

<b>6 External Hard Drive</b>		
<b>Qty 5</b>		
	<b>Minimum Requirements</b>	<b>Your brand and Specifications</b>
Storage	2TB HDD	
Connectivity	USB 3.0	

<b>7 Monitor 24</b>		
<b>Qty 4</b>		
	<b>Minimum Requirements</b>	<b>Your brand and Specifications</b>
	Dell 24 Video Conferencing Monitor: P2418HZ / Dell 24 Monitor: P2418D or better	
Display Screen Coating	Antiglare with 3H hardness	
Panel type	In-Plane Switching Technology	
Resolution	1920 x 1080 @ 60Hz	
Connectivity	1 x Display Port 1 x HDMI 1 x Audio combo jack	
Built-in Devices	2.1 MP Full HD image sensor and dual IR LEDs with VGA infrared camera Dual digital microphone Speakers USB 3.0 Hub	
Adjustability	Height-adjustable Tilt Swivel Pivot	
Accessories	1 x DP cable 1 x HDMI cable 1x USB 3.0 upstream cable	
Warranty	3 years	

<b>8 Keyboard</b>		
<b>Qty 4</b>		
	<b>Minimum Requirements</b>	<b>Your brand and Specifications</b>
Keyboard layout	Logitech K280 or similar Full size	
Palm rest	Required	

<b>9 Mouse</b>		
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**Qty 4**

	Logitech M100 or similar	Your brand and Specifications
Mouse type	USB Optical	
Ambidextrous design	Required	

**10 Wireless Keyboard & Mouse  
Qty 1**

	Logitech MK235 or similar	Your brand and Specifications
Keyboard layout	Full size	
Wireless receiver	USB	

**11 Dock  
Qty 1**

	Lenovo ThinkPad USB-C Dock Gen 2 or equivalent	Your brand and Specifications
Video ports	2x Display Port, 1x HDMI Port	
USB ports	3x USB3.1 or higher, 2x USB2.0	
Audio ports	1x Combo audio jack	
Number of supported external monitors	3 Monitors	
Resolution / Refresh rate	3480x2160 @ 60Hz	
Input power	90w	
Output power	60w	
Peripherals	Keyboard and mouse	

**12 Capture Card  
Qty 10**

	Magwell USB Capture HDMI Gen 2 or better	Your brand and Specifications
Input interface	HDMI (support 2048x2160 pixels)	
Audio interface	HDMI embedded	
Host interface	USB 3.0	
Signal Detection	Audio Detection of Input, Signal Format	
Video Engine	8-bit video processing	
Firmware	Updatable	
OS Compatibility	Windows 10	
Warranty	1 year	

**13 USB PTZ Tracking camera  
Qty 1**

	Minimum Requirements	Your brand and Specifications
Video resolution	1080p	
Connectivity	Plug and play, USB 3.0	
Automated Tracking	Required	
Camera stand	Required	
Accessories	Rechargeable battery pack, AC adaptor, Power cord, Micro HDMI cable, Micro USB Cable	
Compatibility and Certifications	Compatible with Skype, Zoom, Google Meet, BlueJeans & GoToMeeting	