

Item Requirement and Specifications

Category - 1

#	Item Description	Minimum Specification		Quantity
1	Laptop	Operating System	Genuine Windows 10 Home 64bit	9
		Processor	AMD Athlon Silver 3050U Processor 2.3 GHz (4M cache, up to 3.2 GHz) Or i5-11320H Processor, 11th Gen Intel® Core™	
		Memory	4GB RAM 2666 DDR4 (1x8)	
		Storage	256GB M.2 PCIe NVMe SSD	
		Display	15.6" HD (1366 x 768) Anti-glare LED-Backlit NDisplay Narrow Border Display	
		Graphics	AMD Radeon Graphics Or Intel® UHD Graphics with shared Graphics Memory	
		Network & Communication	802.11ac 1x1 WiFi and Bluetooth	
		Camera	720p at 30 fps HD camera	
		Interface	1 USB 2.0 port 2 USB 3.2 Gen 1 ports, 1 Headset (headphone and microphone combo) port, 1 RJ45 - 10/100Mbps Ethernet port 1	



		<table border="1"> <tr> <td></td> <td>HDMI 1.4 port 1 Power-adapter port</td> </tr> <tr> <td>Audio & Video</td> <td>Stereo speakers with Waves MAxxAudio Pro, 2.5 Wx2 = 5 w total 2.1 digital-audio out using HDMI-out connection 3.50 mm headset (headphone & microphone combo) port</td> </tr> <tr> <td>Color</td> <td>Black</td> </tr> <tr> <td>Battery</td> <td>3-Cell, 42 WHr, Integrated battery</td> </tr> <tr> <td>Weight & Dimensions</td> <td>36.4cm x 24.9cm x 2cm, 1.83Kg</td> </tr> </table>		HDMI 1.4 port 1 Power-adapter port	Audio & Video	Stereo speakers with Waves MAxxAudio Pro, 2.5 Wx2 = 5 w total 2.1 digital-audio out using HDMI-out connection 3.50 mm headset (headphone & microphone combo) port	Color	Black	Battery	3-Cell, 42 WHr, Integrated battery	Weight & Dimensions	36.4cm x 24.9cm x 2cm, 1.83Kg	
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2	Projector	<ul style="list-style-type: none"> • Projection System: DLP® • Brightness: 4,500 ANSI Lumens (Standard) • Native Resolution: 1080p (1,920 x 1,080) • Aspect Ratio: 16:10 (Native) 4:3/16:9 (Supported) • Contrast Ratio: 10,000:1 • Optical Zoom Ratio: 1.1X • Throw Ratio: 1.50 ~ 1.65 (62"@2m) • Projection Lens: F = 2 ~ 2.05, f = 15.85mm ~ 17.44mm, • Projection Screen Size (Diagonal): 27" ~ 300" (69cm ~ 762cm) • Keystone Correction: +/-40° (Vertical, Manual & Auto) • Audio: 3W Speaker x 1 • Lamp Life: 4,000 Hours (Standard), 10,000 Hours (ECO), 20,000 Hours (EcoPro) 	9										



		<ul style="list-style-type: none"> Input Interface: HDMI1.4a (Video, Audio, HDCP1.4) x 2, PC Audio (Stereo mini jack) x1 Output Interface: PC Audio (Stereo mini jack) x 1, DC Out (5V/1.5A, USB Type A) x 1 Control Interface: USB A ((5V/1.5A, USB Type A) x 1, RS232 (D-sub) x 1 	
3	Computer System	<p>Form factor - Mini-Tower, Tower</p> <p>Processor - 8th Generation Intel Core i5 or later 4.0Ghz, 8M Cache Quad (4) Cores</p> <p>Motherboard - Sata II Support Ram Upgradeable to 16GB Intergraded Sound Capabilities</p> <p>Motherboard Slots - 1 full height PCIe x16 1 full height PCIe x1 1 full height PCI 2 DIMM</p> <p>RAM - Minimum 8GB RAM DDR3/DDR4</p> <p>Storage – Minimum 512 GB SSD</p> <p>Optical drive - Internal 8x DVD +/- RW</p> <p>Network interface - 100/1000 Mbps Gigabit Ethernet</p> <p>Input/output ports - 4 – USB 3.0 (2 front/ 2 rear) 2 – USB 2.0 (1 Front/ 1 rear) 1 – HDMI port</p> <p>Mouse - USB QWERTY Enhanced Keyboard</p> <p>Keyboard - USB Wired Optical Scroll Mouse + Mouse Pad</p> <p>Operating System - Windows 10 Professional 64bit OEM Licensed</p> <p>Drivers - OEM Drivers for installed OS</p> <p>Monitor - 24" LCD/LED Monitors (Minimum) HDMI Supported</p> <p>Warranty - 1 Year</p>	15



Note: Preferred brands are listed below

- Dell
- Acer
- HP

Category - 2

#	Item Description	Minimum Specification	Quantity
1	Printer (All in one)	LaserJet Monochrome Automatic document feeder Two-sided printing Scanning	7
2	Printer (LaserJet)	Printing Method - Monochrome Laser Beam Printing Print Speed - A4: Up to 18ppm Letter: Up to 19ppm Print Resolution - 600 x 600dpi Paper input (standard) - 150 sheets (based on 80 g/m2) Paper Output - 100 Sheets (face down) (based on 80 g/m2) Paper Type - Plain paper, envelope, postcard, label	10

Note: Preferred Printer brands are listed below

- HP
- Canon
- Brothers

