

Computers & Equipment

Sl. No	Particulars	Minimum Technical Specification Required	Rate in Nu.
1	Laptop	<p>Performance Intel Core i3 7th Gen 7200U 2.3 Ghz 4GB DDR4 RAM</p> <p>Design 15.6 inches (39.62 cm) 1920 x 1080 pixels 2.2 Kg, 25.4 mm thick</p> <p>Storage 1 TB HDD SATA 5400 RPM</p> <p>RJ45: Yes HDMI Port: Yes USB Port: 2x USB 3.1, 1x USB 2.0 Multi Card Slot: Yes Wireless LAN: 802.11ac Ethernet: 10/100 OS: Genuine Windows 10 pro Pre- installed microsoft office 2016 carry case bag</p> <p>Battery Li-Ion 4 Cell</p> <p>Warranty: One year</p>	

2	Laptop (High End)	<p>CPU: Intel Core i7 (7th Gen) 7600U / 2.8 GHz Operating System: Windows 10 Pro 64-bit RAM: 16GB Hard Drive Size: 256GB Hard Drive Type: M.2 SSD Display Size: 13.3 Native Resolution: 1920x1080 Graphics Card: Integrated HD Graphics 620 Wi-Fi: 802.11ac OS: Genuine Windows 10 pro Pre- installed microsoft office 2016 Ports (excluding USB): USB 3.1 Ports (excluding USB): HDMI Ports (excluding USB): DisplayPort Size: 12 x 8.26 x 0.7 inches Weight: 3.03 pounds Warranty: One year</p>	
		<ol style="list-style-type: none"> 1. Retina display <ol style="list-style-type: none"> a. 13.3-inch (diagonal) LED-backlit display with IPS technology, 2560-by-1600 native resolution at 227 pixels per inch with support for millions of colors 2. Processor <ol style="list-style-type: none"> b. 2.9GHz dual-core Intel core i5, Turbo Boost up to 3.3GHz, with 4MB shared L3 cache 3. Storage <ol style="list-style-type: none"> a. 256GB PCI e-based onboard SSD 4. Memory RAM <ol style="list-style-type: none"> a. 8GB (prefered 16GB) 5. Graphics <ol style="list-style-type: none"> a. Intel Iris Graphics 540 6. Charging and Expansion 	

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**Macbook pro with
integrated Touch ID
sensor**

a. Two Thunderbolt 3 (USB-C) ports with support for:
b. Charging
c. Display port
d. Thunderbolt (up to 40Gbps)
e. USB 3.1 Gen 2 (up to 10 Gbps)
7. Keyboard and Trackpad
a. Full-size backlit keyboard with:
i. 64 (U.S) or 65 (ISO) keys including 4 arrow keys
ii. Touch Bar with Integrated Touch ID sensor
iii. Ambient light sensor
iv. Force Touch trackpad for precise cursor control and pressure-sensing capabilities clicks, accelerators, pressure-sentives drawing, and Muilt-Touch gestures
8. Wireless
a. 802.11ac Wi-Fi wireless networking; IEEE 802.11a/b/g/n compatible
b. Bluetooth 4.2 wireless technology
9. Camera
a. 720p FaceTime HD camera
10. Video supports
a. Simultaneously supports full native resolution on the built-in display at millions of colors and:
i. One display with 5120-by-2880 resolution at 60GHz at over a billion colors
b. Thunderbolt 3 digital video output
i. Native DisplayPort output over USB-C
ii. VGA, HDMI and Thunderbolt 2 output supported using adapters (sold separat
11. Audio
a. 13-inch model with Touch Bar
i. Stereo speakers with high dynamic range
12. Battery and Power
a. Built-in- 49.2- watt-hour lithium-polymer battery
b. 61W USB-C Power Adapter
14. Size and Weight
a. Height: 0.59 inches

		b. Width: 8.36 inches	
		c. Depth: 8.36 inches (21.24 cm)	
		15. Operating System	
		a. macOS Sierra	
		18. Accessories (Quote item wise)	
		a. USB-C VGA Multiport	
		b. USB-C to Gigabit Ethernet Adapter	
		c. USB-C Digital AV Multiport Adapter	
		Warranty: One year	
4	Multifunction printer	Copy	
		Copy Setting: Number of Copies; Lighter/Darker	
		Maximum number of copies: Up to 99 copies	
		Copy resolution: 600 x 600 dpi	
		Memory, standard: 256 MB	
		Mobile printing services: yes	
		Network protocols, supported: TCP/IP: IPv4; IPv6	
		Paper handling	
		Input capacity: Up to 260 sheets	
		Output capacity: Up to 150 sheets	
		Scan	
		Scan technology: CIS	
		Scan speed (normal): Up to 15 ppm	
		Scan resolution, hardware: Up to 300 x 300 dpi (color and mono, ADF); Up to 600 x 600 d	
		Duplex ADF scanning: No	
		Printing specifications	
		Print technology: Laser	
		Duplex printing: Automatic (standard)	
		Print resolution (best): Up to 1200 x 1200 dpi	
		Monthly duty cycle: Up to 30,000 pages	
		Print languages: PCL5c; PCL6; PS; PCLm; PDF; URF; PWG	
		Physical dimensions	
Maximum dimensions (W x D x H, metric): 403 x 407.4 x 311.5 mm			

		Maximum dimensions (W x D x H, U.S. standard): 15.9 x 16 x 12.3 in	
		Weight (metric): 9.4 kg	
5	Color printer	First page out (ready) color: As fast as 9.5 sec	
		Resolution (color): 600 x 600 dpi, Up to 38,400 x 600 enhanced dpi	
		Resolution technology: HP ImageREt 3600, PANTONE® calibrated	
		Monthly duty cycle: Up to 50,000 pages	
		Recommended monthly page volume: 750 to 4000	
		Print Technology: Laser	
		Display: 2-line backlit LCD graphic display	
		Processor speed: 1200 MHz	
		Number of print cartridges: 4 (1 each black, cyan, magenta, yellow)	
		Automatic paper sensor: No	
		Paper trays, standard: 2	
		Network ready: Standard (built-in Gigabit Ethernet)	
		Ports: 1 Hi-Speed USB 2.0; 1 Gigabit Ethernet 10/100/1000 Base-TX; 1 Easy-access USB	
		Compatible operating systems: Windows 7,8.1, 10 (32 and 64 bit), Mac OS	
		Memory, standard: 256 MB NAND Flash, 128 MB DRAM	
		Paper handling output, standard: 150-sheet output bin	
		Duplex printing: Automatic (standard)	
Dimensions (W X D X H): 16.2 x 18.5 x 11.6 in			
Weight: 41.7 lb			
Warranty: One year			
6	Projector	Technology: LCD	
		Lumens: 3600	
		Throw Ratio: 1.48-1.77	
		Resolution (Native): XGA 1024 x 768	
		Lamp Life (Est.): 10000	
		10,000 Lamp Hours	
		Product Dimensions: 30.2 x 23.7 x 8.2 cm	
		USB -A Ports: 1	
		USB -B Ports: 1	
HDMI: 1			

		Warranty: One year	
7	Photocopy Machine	Print speed: up to 28 ppm	
		Duty cycle: Up to 30,000 images/month ¹	
		Processor speed: 600 MHz	
		Print memory (standard): 256 MB standard	
		Connectivity: 10/100BaseT Ethernet, High-Speed USB 2.0, Wi-Fi b/g/n	
		Maximum print resolution: 600 x 600 dpi (up to 4800 x 600 enhanced image)	
		First-page-out time, printing: As fast as 8.5 seconds	
		Mobile printing: Apple® AirPrint™, Google Cloud Print™ Wireless Print Solutions	
		Two-sided output: Standard	
		First-page-out time, copying: As fast as 10 seconds	
		Scan features: 8-bit Greyscale, Black and white, Colour, PDF/JPEG/TIFF	
		Fax features: Yes	
		Minimum dimensions (WxDxH): 401 x 362 x 365 mm	
		Weight: 11.4 kg (min)	
		Warranty: One year	