

Laptop computer		Quantity 2
Storage	1 TB HDD	
Processor	Intel Core i7 (7th/8th Gen) Processor	
Display	15.6" (39.62 cm) display, 1366 x 768 px	
Ram	8 GB DDR4 RAM	
Microphone Type	Internal Microphone	
Inbuilt Microphone	Yes	
Sound Technologies	Dolby Audio	
Webcam	Yes	
Speakers	Dual Speakers	
Video Recording	HD 720p	
Clock speed	2.7 Ghz	
Port	HDMI	
Graphic Processor	NVIDIA GeForce or equivalent	

Wireless LCD Projector		Quantity 1
Specifications	Specifications	
Projection System	3LCD, 3-chip technology	
Projection Method	Front/rear/ceiling mount	
Driving Method	Poly-silicon TFT Active Matrix	
Pixel Number	786,432 dots (1024 x 768) x 3	
Color Brightness	Color Light Output: 3,600 lumens	
White Brightness	White Light Output: 3,600 lumens	
Aspect Ratio	4:03	
Native Resolution	1024 x 768 (XGA)	
Resize Support	800 x 600 (SVGA), 1152 x 864 (SXGA), 1280 x 800 (WXGA), 1280 x 960 (SXGA2), 1280 x 1024 (SXGA3), 1440 x 900 (WXGA+), 1400 x 1050 (SXGA+), 1600 x 900 (WXGA++), 1600 x 1200 (UXGA)	
Lamp Type	210 W UHE	
Lamp Life	Up to 6,000 hours (Normal Mode) and up to 10,000 hours (ECO Mode)	

Throw Ratio Range	1.48 (Zoom: Wide), 1.77 (Zoom: Tele)	
Size (Projected Distance)	30" – 300" (0.9 – 9.1 m)	
Keystone Correction Auto	Auto Vertical: ± 30 degrees	
Keystone Correction Manual	Horizontal: ± 30 degrees (Easy-Slide Horizontal Image Correction)	
USB Plug 'n Play	Projects audio and video, PC and Mac compatible	
Contrast Ratio	Up to 15,000:1	
Color Reproduction	Up to 1.07 billion colors	
Projection Lens type	Optical Zoom (Manual)/Focus (Manual)	
Projection Lens F-Number	1.49 – 1.72	
Projection Lens Focal Length	16.9 – 20.28 mm	
Projection Lens zoom Ratio	Optical zoom 1.0 – 1.2	
Display Performance	NTSC: 480 lines; PAL: 576 lines	
Input Signal	NTSC/NTSC4.43/PAL/M-PAL/N-PAL/PAL60/ SECAM	
Speaker	2 W (mono)	
Power Supply Voltage	100 – 240 V ±10%, 50/60 Hz	
Power Consumption	Normal Mode: 269 W, ECO Mode: 211 W	
Interfaces	1x HDMI	
	Computer/component video: 1x D-sub 15 pin	
	Composite video: 1x RCA (Yellow)	
	Audio in: 1x RCA (White/Red)	
	1x USB connector Type A: PC-free USB and other, wireless LAN	
	1x USB connector Type B: USB Plug 'n Play	
Accessories	<ul style="list-style-type: none"> • power cable • computer cable (VGA), USB • cable • wireless LAN module, • soft carrying case, • projector remote control • batteries, User Manual CD, Quick Setup Sheet 	
	Warranty	1 year

Digital Copier (3 in1)	Quantity 1
Paper size	Max. A3 (11" x 17"), min. A5 (5 1/2" x 8 1/2") [min. A6R via bypass]
Standard paper capacity	350 sheets (250 + 100)
Max. paper capacity	1,100 sheets with option
Memory	512MB
Interface	10Base-T/100Base-TX
Power requirements	Rated local AC voltage $\pm 10\%$, 50/60 Hz
Power consumption	Max. 1.2 kW
Copy speed	20 cpm
Original size	Max. A3 (11" x 17")
Continuous copy	Max. 999 copies
Resolution	600 x 600 dpi
Gradation	256 levels
Zoom range	25% to 400% in 1% increments (50% to 200% using RSPF)
Fixed copy ratios	(Metric) 50, 70, 81, 86, 100, 115, 122, 141, 200%
	(Inch) 50, 64, 77, 95, 100, 121, 129, 141, 200%
Tonner	Original Tonner included
Network printing	
Print speed	<ul style="list-style-type: none"> • 20 ppm
Interface	<ul style="list-style-type: none"> • USB
Resolution	<ul style="list-style-type: none"> • 600 x 600 dpi
Network protocols	TCP/IP
Scanner Resolution	Pullscan(viaTWAINcompliantapplication):Settingrange50to9,600dpi Pushscan(viaButtonManager):75,100,150,200,300,400,600dpiUSBmemory scan: 300dpi*
Scanner Utilities	Button manager
Warranty	1 year

Items Requested	Quantity Requested	Specifications
Etho Vision/used for animal behavior study	1	Equipment for behavioral study of animals contains, Video tracking system, the basis of the system is with CCD video camera records the area in which the subject animals are (the scene). The camera's signal connected with video cassette recorder that digitizes the image, which also connected to PC. Thus, the spare parts of this equipment include: CCD video camera, Arena part, video recorder and PC with software that analyzes each frame in order to distinguish the tracked objects from the background. Eg. EthioVision XT
Laptop	1	14", Flip 14U X461 Multi-Touch 2-in-1, 8th Generation Intel Core i7 quad-core processor, NVIDIA GeForce MX 150 Graphics Laptop RAM: 32 GB Hard disk: 2 TB Ports available: 1 Audio jack, 1 Internet port, 1 HDM, 2 USB port type C, 3 USB port type A.
All in One printer/copier and Scanner	1	Personal B/W Laser Multifunction Printers Specification Functions Print, copy, scan , Print Technology Laser – monochrome Multitasking Supported Yes First Page Out B/W: As fast as 9.5 sec Print/copy Speed 21ppm/Up to 21 ppm 4ppm Print/copy resolution Up to 600 x 600 dpi Connectivity LAN, USB 2.0 Memory Min: 128MB Duty cycle (monthly, A4) Up to 8000 pages Recommended monthly page vol. 250 - 2000 pages Paper handling Up to 150-sheet Compatible operating systems All Control panel 2 lines Power Socket Type Schuko Type Tonner separate price quotation is required for the tonner Reference model Hp laserjet pro MFP M130FN