Quantity	NAS (Network Storage) Specification	
1	**CPU**	quad-core 2.0 GHz processor or higher
	CPU Architecture	64-bit x86
	System Memory	2 GB SO-DIMM DDR3L (1 x 2 GB) or more
	Maximum Memory	8 GB (2 x 4GB) or more
	Memory Slot	2 x SO-DIMM DDR3L or More
	Drive Bay	4 x 3.5-inch SATA 6Gb/s, 3Gb/s
	Drive Compatibility	3.5-inch SATA hard disk drives 2.5-inch SATA hard disk drives 2.5-inch SATA solid state drives
	Hot-Swappable	Yes
	Gigabit Ethernet Port (Rj45)	2
	USB Ports	USB 2.0 x2 USB 3.2 x 2
	HDMI Output	1
	Form Factor	Tower
	Supported Client Operating Systems	* Windows 8, 10, 11 * Microsoft Windows Server 2003, 2008 R2, 2012, 2012 R2 and 2016
	Storage	2 x HDD (WD 8 TB 3.5" SATA Internal Hard Disk Red Western Digital)
	Warranty	Minimum 1 year

Quantity	Network switch 24 port PoE Specification	
3	**Ubiquiti POE Gigabit Switch Interface**	24 ports (RJ-45)
	POE	yes
	Gigabit	yes

Quantity	Network switch 16 port PoE Specification	
2	**Ubiquiti POE Gigabit Switch Interface**	16 ports (RJ-45)
	POE	yes
	Gigabit	yes

Quantity	Network switch 8 port PoE Specification	
3	**POE Gigabit Switch Interface**	8 ports (RJ-45)
	POE	yes
	Gigabit	yes

Quantity	Network switch 5 port Specification	
5	**POE Gigabit Switch Interface**	5 ports (RJ-45)
	POE	yes
	Gigabit	yes

Quantity	Internal SSD 256GB Specification	
25	**INTERNAL SSD SPECIFICATION Capacity**	256GB
	Interface	SATA
	Form factor	2.5"
	Type	Internal

Quantity	Laptop Specification	
1	**Processor**	Intel® Core™ i5- 10th GEN or Higher
	Memory	8GB LPDDR4 or Higher
	Hard Disk	512GB SSD
	Graphics	Intel® Iris Plus Graphics shared memory
	Display	FHD 1080p, 14inches or larger.
	Network Interface	10/100/1000 Gigabit Ethernet
	Ports	2 USB ports, HDMI out, 3.5mm Headphone jack in
	Battery	At least 3 hours continuous use, 5500mAh or larger
	Warranty (service and parts)	Minimum 1 year

Quantity	Computer System Specification	
2	Processor	10th Generation Intel Core i7 Series Equivalent or higher; 3.0 GHz or higher
	Memory	16GB DDR4 equivalent or higher
	Hard Disk	256GB SSD or higher
	Optical Drive	16X DVD+/-RW Drive
	Graphics	Intel integrated graphics equivalent or higher
	Keyboard	Wireless Keyboard (Logitech)
	Mouse	Wireless Mouse (Logitech)
	Network Interface	10/100/1000 Gigabit Ethernet
	Ports	2 external USB 3.0 ports (2 front), 4 external USB 2.0 ports (4 rear)
	Monitor	23"
	Warranty (service and parts)	Minimum 1-year Parts, Minimum 1 year service

Quantity	Multifunctional Colour Printer Specification	
1	FUNCTIONS	Print, Scan, Copy
	Print Technology	Color LED Multi-Function Printer
	Print speed	18 ppm A4 (Mono/Color)
	Print quality	600 x 600 dpi, 2,400 dpi (600 x 2400) quality
	Standard memory	512MB
	Copy	
	Copy speed	18 cpm (Mono/Color)
	Copy resolution	600 x 600 dpi
	Multiple Copies	99 pages
	Scan:	
	Scan type	Flatbed / ADF Color & Monochrome
	Scanning Resolution	ADF 1,200 x 600 dpi (optical) Glass 1,200 dpi × 2,400 dpi (optical) Interpolated: 19,200 x 19,200 dpi
	Scan Paper Size	Width (ADF): Max. 215.9 mm Length (ADF): Max. 355.6 mm
	Paper input tray	250 sheets
	Duplex Printing	Automatic (Built-in)
	Auto Document Feeder	ADF 50 sheets
	Media sizes	A4, Letter, A5, A5(Long Edge), A6, Executive, Legal, Folio, Mexico Legal, India Legal
	Connectivity	USB 2.0 LAN 10Base-T/100Base-TX Wireless LAN IEEE 802.11b/g/n IEEE 802.11g/n (Wi-Fi Direct)
	Warranty	1 year or more

Quantity	CORDLESS hammer drill Specification	
1	Brand	Makita
	Model	DRILL DHP482RFX1
	Power Source	Battery Powered
	Voltage	18 Volts
	Included Components	Cordless Impact Drill x1, 18 V 3.0 Ah Li-Ion x2, charger and case
	Special feature	Akku
	Warranty	1 year

Quantity	Wi-Fi access point Specification	
2	Brand	Unifi
	Environment	Indoor
	Simultaneous Dual-Band	Yes
	Environment	UniFi Network Application
	2.4 GHz Speed	>400 Mbps
	5 GHz Speed	>800 Mbps
	Range	>=400 ft
	Networking Interface	(1)10/100/1000 Ethernet Port
	Wi-Fi Standards	802.11 a/b/g/n/r/k/v/ac
	Wireless Security	WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES)
	Power	PoE (Adapter included)
	BSSID	Up to 8 per Radio

Quantity	HDMI Cable Specification	
10	Connector A	HDMI
	Connector B	HDMI
	Length	1.5M

Quantity	HDMI to display port cable Specification	
5	Connector A	DisplayPort (DP)
	Connector B	HDMI
	Length	1.5M

Quantity	Display port cable Specification	
5	Connector A	DisplayPort (DP)
	Connector B	DisplayPort (DP)
	Length	1.5M

Quantity	Networking Tool Kit Specification	
	Type	Network tool kit
1	**Contents**	- Wire Stripper Tool - Impact Terminal Tool for Krone - Pro-Crimper Modular Tool - Lan Cable Tester - Utility Knife - "- "Screwdrivers - "+" Line Color Screwdrivers - All Purpose Snip - Tool Bag

Quantity	Webcam Specification	
	Resolution	30fps or higher/1080p
	Angle of view	55° or wider
3	Compatibility	Windows 10, 11 (Skype, Zoom, Google Meet)
	Mic	Yes. Up to 1.5m away with noise reduction
	Mounting Option	Adjustable clip for monitor/laptop

Quantity	Wired headset Specification	
	Connector Type	USB A or 3.5mm Jack
	Mic	Noise cancellation
3	Controls	In-line volume control
	Type	Ear cushioned
	Configuration	plug-and-play

Quantity	HDD Dock Specification	
	Accommodation Capacity	2.5" and 3.5 " SATA I/II/III HDD/SSD
	Supports capacity	5tb+
	Interface Connector	Sata lll to USB 3.0 connector
1	Transfer Bandwidth	up to 5GB
	Configuration	- plug-and-play - Hot swapping

Quantity	Mikrotik Router Specification	
3	Architecture	MIPSBE
	CPU	QCA9533
	Switch chip model	QCA9533
	Operating System	RouterOS
	CPU nominal frequency	850 MHz
	Size of RAM	64 MB
	Storage size	16 MB
	Tested ambient temperature	-40°C to 70°C

Quantity	KVM Switch Specification	
2	CAPABILITIES	2 computers to share one set of keyboard, mouse and dual extended or mirrored monitors
	Resolution	FHD 1080p@60Hz minimum
	COMPATABILITY	Windows
	I/O	- USB ports for Keyboard and Mouse - USB ports for shared USB peripherals between 2 systems

Quantity	Network Trace and probe Tool Specification	
1	Model	Pro'sKit MT-7071
	FEATURES	Measuring cable length up to 1200 m (4000 ft) Wire tracing up to 3 km Cable mapping and status indication Non-contact voltage detection
	TONER	Cable types RJ45 (UTP/STP), RJ11/12 (2/4/6 pin), coaxial, alligator clips Test modes 1 KHz, wire mapping Measurement technology Cable capacitance method Max. distance 1200 m (4000 ft) Min. distance split pair: 1 m (3 ft) other cables: 1.25 m (4 ft) Calibration accuracy ±2.0% Max. distance of transmission ≧3 km (1 kHz)
	RECEIVER	Signal status indication 1 kHz, 1 LED and buzzer, built-in headphone jack
	REMOTE UNIT	Compatible connectors RJ45 (8 pin), RJ11/12 (6 pin), BNC

Quantity	Monitor 23.5-inch Specification	
5	Monitor	23.5" or 24"
	Resolution	1920 x 1080
	Refresh rate	Minimum 60hz (or equivalent)
	Ports	VGA, HDMI
	Warranty (service and parts)	Minimum 1 year

Quantity	UPS Specification	
10	Capacity (VA)	800VA
	Input /Output Voltage	220V / 230V / 240V
	Output Socket	3 x 13Amp British Socket c/w Safety Window
	Back up time (Depending on Load)	20 to 30 minutes
	Recharge time	4 Hours to 90% After Complete Discharge
	LED Indicator	AC Mode, Battery Mode
	Audible Alarm	Battery Mode, Low Battery, Overload, Fault