

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ


Information Technology Division
Ministry of Health

دائرة تكنولوجيا المعلومات
وزارة الصحة

Specification for Monochrome Multifunctional Printer

	Minimum Requirements
Functions	Print, Scan, Copy
Print Type	Monochrome Laser
Print Speed	30ppm
Print Resolution	Up to 1200 x 1200 dpi
Print Memory	32 MB
Connectivity	USB, Network
Media Sizes	A4, A5, A3
Media Type	Plain Paper, Envelopes
Multi-Purpose Tray	Yes
Duplex Printing	Automatic
Paper Handling	250 sheets input tray
Scanning	Colour & Monochrome
Scan Speed	11ppm
Scan Resolution	300 x 300 dpi
Multi-page Copying	Yes
Copy reduce settings	25%
Copy enlarge settings	400%

Prepared By:


Ali Abrar Rasheed
Computer Technician
27/January/2022



Specification for Network Switch (48Port)

	Minimum Requirements
Ports	48 x 1000Mbps RJ45 Ports 2 x SFP ports
Power Over Ethernet	24W per port
Manageable	Yes
Features	Layer 2 switching, VLAN Support, IPv6 support, Rapid Spanning tree Protocol (RSTP) Support, Multiple Spanning tree protocol (MSTP) Support, DHCP snooping, Dynamic Trunking protocol (DTP) Support, Port Security
Forwarding Rate	60 Mpps
Flash Memory	128 MB
RAM	256 MB
Form Factor	1U Rackmount / Standalone
Warranty	3 Years basic hardware warranty

Prepared By:

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Computer Technician
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Specification for 75 Inch TV

Display	75 Inch LED
Aspect Ratio	16:9
Resolution	8K UHD, 7680 x 4320 Pixels
Input & Output	4 x HDMI Type In-Built Wifi In-Built Bluetooth 2 x USB Port Ethernet Headphone/Speaker OUT Port ChromeCast
Colour	Black
Feature	Built-in Wireless LAN



Hawwa Sofa

Computer Programmer

23rd June 2021

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Specification for Black and White Printer

Print Speed	Single Side: Up to 30 ppm (A4) Up to 50 ppm (A5) Double Sided: Up to 25 ppm (A4)
Printing method	Monochrome
Print Resolution	600 x 600 dpi
Features	Print from USB Airprint Supporting iOS, Android
Paper Input	250-sheet cassette 100-sheet multi-purpose tray
Media types	Plain paper, Recycled paper, Heavy Paper, Thin paper.
Media sizes	A4 (Portrait and Landscape), A5 (Portrait and Landscape)
Interface and Connectivity	USB 2.0 Hi-Speed, 10BASE-T/100BASE-TX/1000Base-T, Wireless 802.11b/g/n, Wireless Direct Connection
Operating System compatibility	Windows® 10 / Windows® 8.1 / Windows® 7, Mac OS


Hawwa Sofa

Computer Programmer

23rd June 2021



Specification for General Purpose i5 Computer System

FORM FACTOR	Mini-Tower, (Note: Ultra Small size and All in One is not included)
PROCESSOR	10 th Generation Intel Core i5 3.80 GHz 6 MB of cache
MOTHERBOARD	Sata II support RAM Upgradeable to 32GB Integrated Sound capabilities
MOTHERBOARD SLOTS	1 Half height PCIe \
RAM	16 GB RAM, DDR4
HARD DISK DRIVE	256 GB SSD
OPTICAL DRIVE (OPTIONAL)	Internal 32x DVD +/- RW
NETWORK INTERFACE	1000 Mbps Gigabit Ethernet
INPUT / OUTPUT PORTS	USB 3.0 (2 front/ 2 rear), Audio Jack (Front Audio Combo Jack) , HDMI,VGA or Display Port
OPERATING SYSTEM	Windows 10 Professional 64bit OEM Licensed
MONITOR 1	23" Flat Screen with HDMI /D-Port, and VGA Port
KEYBOARD	USB QWERTY Enhanced Keyboard(101Keys)
MOUSE	USB Wired Optical Scroll Mouse + Mouse Pad
DRIVERS	OEM Drivers for installed OS
WARRANTY	1 Year



[Signature]

Hawwa Sofa
Computer Programmer
22nd June 2021

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د. سید سجاد حسین
ڈائریکٹر
ڈیپارٹمنٹ
ڈیٹا سیکورٹی

Specification for Server Rack

TYPE	42U Rack
FEATURES	Enclosure 600mm x 1070mm (approximately) Perforated front and rear doors Removable side panels



Aminath Sakha Saleem
Computer Technician
27th August 2019

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الجمهورية العربية السورية

Specification for Server

DRIVE BAYS	UP TO 16 x 2.5" SAS/SATA HARD DRIVES FOR 2CPU CONFIGURATION
PROCESSOR	2 x INTEL® XEON® SILVER 4114 2.2G, 10C/20T, 9.6GT/s, 14M CACHE, TURBO, HT (85W)
MEMORY	64GB RDIMM, 2666MT/s, DUAL RANK, x4 DATA WIDTH
RAID CONTROLLER	RAID 1 FOR SSD, RAID 50 FOR HDD, 8GB NV CACHE (MINIMUM)
STORAGE	SSD 2 x 480GB SOLID STATE DRIVE SATA 6GBPS 2.5" HOT-PLUG - HDD 8 x 2.4TB 10K SAS 12GBPS 2.5" HOT-PLUG
NETWORK	INTEGRATED QUAD PORT GIGABIT ETHERNET
RACK RAILS	SERVER RACK RAILS, CABLE MANAGER
POWER SUPPLY	DUAL POWER SUPPLY, REDUNDANT CONFIGURATION, 750W
POWER CORDS	C13 TO C14, PDU STYLE, 12 AMP, 1M POWER CORD
BEZEL	INCLUDE BEZEL
OPERATING SYSTEM	GENUINE WINDOWS SERVER® 2019, DATACENTER EDITION WITH UNLIMITED VIRTUAL MACHINE LICENSE (10 x 2 CORE PACK)
WARRANTY	3 YEARS PARTS / 3 YEARS' SERVICE WARRANTY



Aminath Sakha Saleem
Computer Technician
27th August 2019