

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ

# Information Technology Division

Ministry of Health

رِسْرْتِ مَرَدَّ شَوْبَرُ عِجْ لَاسْرُحِيحْ ٤ ١٠ عَزْمَرُ  
دِسْرَبَعِ بِرْ اَرْتُو ٤ رُوْتُو

## Specification for Micro Desktop

<b>FORM FACTOR</b>	Micro
<b>MODEL</b>	OptiPlex 3070 Micro (or EQUIVALENT)
<b>PROCESSOR</b>	Intel i5-9500T 9MB /6T/2.2GHz o 3.7GHz / 35W Six (6) Cores
<b>RAM</b>	8GB DDR4 2666MHz
<b>HARD DISK DRIVE</b>	M.2 256GB PCIe NVMe Class 35 SSD
<b>VIDEO INTERFACE</b>	Intel Integrated Graphics
<b>NETWORK INTERFACE</b>	100/1000 Mbps Gigabit Ethernet Qualcomm® QCA9377 Dual-band 1x1 802.11ac Wireless with MU-MIMO
<b>BLUETOOTH</b>	Bluetooth 4.1 with Internal Antenna
<b>INPUT / OUTPUT PORTS</b>	6 – USB 3.0 (2 front/ 4 rear) 1 RJ-45, 1 DisplayPort, 1 universal Audio Jack, 1 Line-out 1 HDMI, 1 VGA (optional) 1 P2/Serial or Video port (optional)
<b>MOUSE</b>	Wireless Mouse (include module or dongle if required)
<b>KEYBOARD</b>	Wireless Keyboard (include module or dongle if required)
<b>OPERATING SYSTEM</b>	Windows 10 Professional 64bit (Genuine License)
<b>DRIVERS</b>	Drivers for the operating system
<b>MONITOR 1</b>	22" LCD/LED Monitor (Compatible with the PC)
<b>WARRANTY</b>	1 Year / parts and Labor (Onsite Service and offsite)

# Specification for Layer 2+ Manage Switch

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<b>INTERFACES</b>	<b>24 x 1Gb RJ-45 Ports</b> <b>2x 10Gb sfp+ Uplink Ports (Minimum)</b>
<b>MAX PACKET FORWARDING RATE</b>	<b>Higher than 35 Mpps</b>
<b>FEATURES</b>	<b>Supported features:</b> <ul style="list-style-type: none"><li>• <b>Port-based VLAN</b></li><li>• <b>Loopback Detection</b></li><li>• <b>WEB UI</b></li></ul>

## Specification for Black and White Printer

<b>Printer</b>	
<b>QUANTITY</b>	<b>1</b>
<b>Printer Type</b>	<b>Monochrome Laser</b>
<b>PRINTING SPEED</b>	<b>Up to 18ppm (A4) First Print less than 8 seconds</b>
<b>PRINT BUFFER (RAM)</b>	<b>32mb</b>
<b>RESOLUTION</b>	<b>600dpi</b>
<b>MONTHLY DUTY CYCLE</b>	<b>Up to 5,000 pages</b>
<b>PAPER FEED</b>	<b>Automatic</b>
<b>PAPER TRAY CAPACITY</b>	<b>150 pages</b>
<b>PAPER CASSETTE SIZE</b>	<b>A4 and A5</b>
<b>INTERFACES</b>	<b>USB 2.0</b>
<b>NETWORK ACCESS</b>	<b>Shareable over LAN through a PC or print server</b>
<b>DRIVERS</b>	<b>All Drivers for:</b> <ul style="list-style-type: none"><li>• Windows 10 Pro</li></ul>