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Shopping for a Customer

Other than being assigned to research three computers for this class, I wondered which desktop computers were worth buying to complete my work and school assignments. I narrowed my selection to Windows computers in the \$500-\$600 range. Until last year, I have only used MacBooks; however, my accounting job requires I use Windows computers and monitors to complete my tasks. My schoolwork is primarily completed through Canvas and multiple Microsoft products (Excel, Word, Outlook, and Teams). Similarly to my school tasks, my job requires me, through Windows's device compatibility and multi-monitor support, to use the same Microsoft products and Yardi, my company's preferred property management software. I am unsure how much data my work computer stores, so I must ensure the desktop computer I purchase can manage it. After my first month of transitioning from Mac to Windows, I now prefer Windows to Mac. For these reasons, I researched three desktop computers: ThinkCentre Neo 30a Intel (24") All-in-One, HP Pavilion All-in-One 27-ca1065m, and Inspiron 24 All-in-One.

The Excel table shows that the three computers are identical in Random Access Memory (RAM), primary disk (hard drive), display size and type, and video card. All three computers are also within \$20 of each other. On the other hand, Inspiron 24 All-in-One has the most value as its clear advantage consists of the types and quantity of ports. Unlike the HP Pavilion All-in-One 27-ca1065m, the Inspiron has High-Definition Multimedia Interface (HDMI), allowing its desktop to transport high-quality video and audio data. The Inspiron also has more USB ports

than ThinkCentre Neo 30a Intel (24") All-in-One, which gives its desktop the ability to connect many kinds of devices (printers, mice, keyboards, external drives, etc.).

For these reasons, I plan on buying the Inspiron 24 All-in-One for its abundant USB slots, HDMI ability, and affordable price.

Desktop computers	ThinkCentre Neo 30a Intel (24") All-in-One	HP Pavilion All-in-One 27-ca1065m	Inspiron 24 All-in-One
CPU	Intel Core i5 1240P, up to 3.7 GHz, 12-core	Intel Core i7-1165G7, up to 4.7 GHz, 4-core	Intel Core i3-1215U, up to 4.4 GHz, 6-core
RAM	8 GB	8 GB	8 GB
Motherboard	N/A	N/A	N/A
Primary disk	SSD 256 GB	256 GB PCIe NVMe M.2 SSD	256 GB, M.2, PCIe NVMe, SSD
Display size/type of display	LED 23.8" 1920 x 1080 (Full HD) @ 60 Hz	68.6 cm (27") diagonal, FHD (1920 x 1080), IPS, three-sided micro-edge, anti-glare, 250 nits, 72% NTSC Non-touch screen	23.8", FHD 1920x1080, 60Hz, AIT Non-Touch, Anti-Glare, InfinityEdge
Type video card (and memory)	Intel UHD Graphics 750	Intel Iris Xe Graphics (shared memory)	Intel UHD Graphics
Type of Optical drives	No optical drive	No optical drive	No optical drive
Type of ports	1 x HDMI output, 1 x headphones/microphone (1 bottom), 1 x LAN (Gigabit Ethernet), 2 x USB 2.0, 2 x USB 3.2 Gen 2	Two USB 2.0 ports with Power on/Wake-up support, Two USB 3.1 Gen 1 ports, One USB 3.1 Gen 1 port with PowerShare, One USB 3.1 Gen 1 (Type-C) port	1 USB 3.1 Gen 1 port with Power on/Wake-up support, 2 USB 3.1 Gen 1 ports, 1 USB 3.1 Gen 2 port with PowerShare, 1 USB 3.2 Type-C Gen 2 port, 1 HDMI 1.4b port, 1 HDMI-in 1.4b port, 1 RJ45 Ethernet port, 1 Audio, 1 DC-In, 1 Power-adaptor port.

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