



## HawkNet Systems – Technology Platform Specifications

### General Guidelines

Note: Exceptions to any of these specifications are possible, but requests and approvals must be in writing.

**Brand** – For desktop and laptop computers, Dell is the preferred brand; HP laptops are also acceptable. For servers, Dell PowerEdge is the only brand accepted.

**Individual use** – most often, a desktop computer is preferred for productivity and reliability reasons. Laptops are perfectly suitable when a user needs a mobile computing solution.

**Do not buy a Chromebook.** Designed and marketed for home use, these devices are cheap and underpowered and have no place in the technology mix of a modern organization. These devices are specifically excluded from support.

**Intel processors** are preferred over AMD. The generation of the processor should be current or one generation back. Older than that and productivity is lost with newer software.

**The system unit platform** can be a micro form factor, desktop, or tower. These options are preferred over laptops due to their superior productivity, reliability, and longevity. (Batteries can be especially problematic.) Laptops are perfectly acceptable when a user has a specific need for mobile computing. All-in-One units should be avoided due to maintenance and reduced upgradability issues.

### Minimum Computer Specifications:

- Intel i5 processor
- 8 GB RAM
- 256 GB NVME (SSD) storage
- video port – 1 DisplayPort port; resolution supported 1024x768
- 1 ethernet network port connected to a hardwired port on a proper network switch
- max age from date of manufacture: 5 years (to ensure maximum reliability)
- wired keyboard and mouse
- Windows 11
- approximate cost: \$1100

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## Preferred Computer Specifications:

Intel i7 or i9 processor (or Ultra 7 / 9)  
16 GB RAM or more  
512 GB NVME (SSD) storage or more  
video port – 2 DisplayPort ports; resolution supported 1920x1080 or more  
1 ethernet network port connected to a hardwired port on a proper network switch  
max age from date of manufacture: 3 years (to ensure maximum reliability)  
wired or cordless keyboard and mouse  
Windows 11  
approximate cost \$1600

## Maximum Computer Specifications:

Trick question? There are no maximums. Needs should be real and demonstrable. If your budget can support it, we'll support it.

## Monitors

Minimum: a single 22" monitor  
1 DisplayPort port (other types of ports may also be present)

Preferred: dual 22" (or larger) monitors  
1 DisplayPort port (other types of ports may also be present)  
frame – the outside frame of the monitor should be as small as possible

Note: Ergonomics is an important aspect of monitors. Tilt, swivel, and height adjustments should be available to each user. Display user controls should be easy to reach and use.

## Printers

No printers are required for an individual user; printers are best shared among a close by set of users.

When individual printer is required:  
Brother brand is preferred; color or black laser  
If inkjet printing is required, we prefer Epson Eco-Tank printers

Special Note: HP is to be avoided due to aggressive technical requirements imposed by HP leadership

If you have any questions, please email us at <mailto:info@hawknet.systems>