



## NLINK® Hardware Recommendations

The *NLINK® Software* runs on Windows Server 2016, Windows Server 2019 or Windows Server 2022 on any server class machine. NLINK can also be deployed in virtual environments such as VMware and/or Microsoft's Hyper-V and in-the-cloud on Amazon Cloud and Microsoft Azure.

NLINK runs as an in-memory Windows service and enough RAM needs to be provisioned for NLINK to operate without paging. Note that each new release of Windows Server Operating System takes more and more RAM. We recommend provisioning a minimum of 16GB of RAM in addition to what the Operating System needs, more is preferred. In a virtual environment you should set the necessary flags to allow the virtual memory to increase as needed.

NLINK has very modest hard disk space requirements. An additional dedicated 32GB of hard disk space should be more than sufficient for most installations. NLINK only requires hard disk space to store configurations, and for logging and trace files for debugging.

**Note that if NLINK is deployed in a virtual environment the NLINK licensing system requires that the virtual machine has a static MAC address configured.** Virtual machines and cloud environments that can assign a new MAC address when rebooted will break NLINK's licensing and NLINK will fail to start.

When deploying on physical hardware we suggest purchasing a system that will meet both your immediate performance requirements and still allow you to scale to meet future needs. The Dell *PowerEdge* server configuration shown below comes in Tower or Rack format and provides a reasonably good cost/performance compromise. It contains all of the components needed for a basic NLINK installation and also allows for future CPU, RAM and/or hard drive expansion.

### Dell PowerEdge T350

Intel® Xeon® E-2314 2.8GHz, 8M Cache, 4C/4T, Turbo (65W), 3200 MT/s:

- Windows Server® 2019, Standard Edition, Includes 5 CALs
- 16GB UDIMM, 3200MT/s, ECC
- 480GB SSD SATA Read Intensive 6Gbps 512 2.5in Hot-plug AG Drive, 3.5in HYB CARR, 1 DWPD,
- On-Board Broadcom 5720 Dual Port 1Gb LOM 16x DVD-ROM Drive, Internal, SATA
- Onboard SATA, 1-4 Drives connected to Onboard SATA Controller - No RAID
- Chassis with Cabled Hard Drive and Non-Redundant Power Supply
- Keyboard and Optical Mouse, USB, Black, English
- No Monitor
- 3Yr Basic Hardware Warranty Repair: 5x10 HW-Only, 5x10 NBD Onsite
- Power Cord, NEMA 5-15P to C13, wall plug, 10 feet