



## Hardware Recommendations

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### **Computer Hardware Specifications for LightJet 430 & 500XL**

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#### **The “LightJet FE” computer**

This is the host computer that drives the LightJet and is directly connected to it. The recommended operating system is Windows NT Workstation (Service pack 5 or greater). Although both Windows 2000 and XP work, there are some potential problems with data delivery and transfer speed, if the OS is not properly configured.

For the PosterShop / LightJet FE configuration we recommend this hardware/software setup:

- Dual Intel Pentium IV 1000 MHz processors (or better) and 512MB RAM
- Windows NT (SP5 or greater), Windows 2000, or Windows XP Pro
- 20 GB IDE, 7200 RPM hard drive (for applications)
- 36 GB SCSI, 10000 RPM hard drive (for storage & print spooling)
- Adaptec 19160 SCSI controller (for the LightJet and the SCSI storage drive)
- 100 Base -T network interface card

#### **The “PosterShop” computer**

The PosterShop computer contains the Onyx PosterShop software and is referred to as the “front end” of the system. Its’ primary tasks are to process images for printing and remotely control the printing process. Here is the recommended hardware configuration for the PosterShop computer:

- Dual Intel Pentium IV 1000 MHz processors (or better) and 512MB RAM
- Windows NT (SP5 or greater), Windows 2000, or Windows XP Pro
- 20 GB or larger IDE, 7200 RPM hard drive (for applications)
- 36 GB SCSI, 10000 RPM hard drive (for storing current jobs)
- two 100 Base -T network interface cards (one to connect to the FE computer, the other to connect to the main network)
- network crossover cable (to connect the two computers)

Note: You may also consider adding an additional small (e.g., 9 GB) fast SCSI drive as a scratch disk for PosterShop’s RIP.

#### **A Non-PosterShop Configuration**

If the host computer is used only with the LightJet Queue software (i.e., a non-Postershop front end such as ColorBurst, System Manager, etc.) then hard drive, RAM, and multi-processor requirements are reduced. In this case we recommend this configuration:

- Single Pentium IV 1000 MHz processor (or better) and 256 Mb of RAM
- Windows NT (SP5 or greater), Windows 2000, or Windows XP Pro
- 20 GB IDE, 7200 RPM hard drive (for applications)
- Two 9 GB Ultra 160 10000 rpm drives (for print spooling)
- Adaptec 19160 SCSI controller (for the LightJet and the spooler drives)
- 100 Base -T network interface card.