XITRON Navigator & XiFlow System Specifications

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The minimum recommended requirements shown are for nominal loads. Additional RAM, additional or faster processors, faster and/or larger hard drives may be necessary to achieve optimal speed and throughput. Use the minimum specifications provided as a starting point. Final PC configuration is an end-user decision based on budget, workflow and speed requirements. All configurations assume the customer will require and specify some form of network connectivity such as 100-base Ethernet. Although it may be possible to operate the RIP with less than the minimum, Xitron recommendations are based on providing the customer with a system to meet their production demands.

MACINTOSH CONNECTIVITY

WINDOWS XP OPERATING SYSTEM AND APPLETALK - All systems described are compatible with Macintosh chooser-level printing environments except those using Windows XP. All platforms configured with the Windows XP operating system require AppleTalk connectivity software to function as a chooser-level device. This software is available from Xitron.

WINDOWS XP OR WINDOWS 2000/PRO AND MACINTOSH FILE SHARING - If your workflow requires Macintosh file-sharing capability (i.e.: for use with hot folders, or FirstPROOF clients), with Macintosh OS 9.2 or older you must use software such as Miramar's PC MacLAN. Windows 2000 Server operating system has Macintosh file sharing built-in.

NAVIGATOR 6.x UPGRADES

The Windows NT 4.0 operating system is considered obsolete and is no longer supported for Navigator 6.x installations and upgrades. Xitron requires upgrading to a current supported operating system with suitable hardware when upgrading your RIP software.

Interface Requirements for Navigator, Xenith, and Raster Blaster.

Please note the type of interface you are purchasing in the Xitron catalog.

- Xitron PCI Interface: requires PCI Slot§   • SCSI Interface: Open PCI Slot for SCSI card   • TIFF Interface: Network connection

NAVIGATOR RIP FOR WINDOWS OPERATING SYSTEMS	MINIMUM Recommended to run the software	RECOMMENDED Specifications for optimal use. Platforms supplied by Xitron meet the recommended specifications	POWER USER Additional power for heavy use or planned expansion.
Navigator 6.x PC RIP Driving Imagesetters †Fuji Sumo requires W2000 Server.	• Pentium 4, 1.5 GHz or faster • 40 GB hard drive • Windows 2000 Server or Pro w/ Service Pack 2 or Windows XP Professional * • 512 Mb RAM • 10/100 Network Interface Card • Slot for Xitron PCI card interface§	• 80 GB hard drive • Windows 2000 Pro w/Service pack 2 or Windows XP Professional* • 1 GB RAM • Intel Pro 100 Network Interface • Slot for Xitron PCI card interface§	• Pentium 4 or AMD 2.5 GHz or faster • Additional 7200 rpm EIDE or fast SCSI 80 GB+ Hard drive (allowing one drive for operating system and the fastest one for the RIP) • 2 GB RAM minimum • Internet connection for online WebEx powered training and support • Slot for Xitron PCI card interface§
Navigator 6.x PC RIP Additional Options	• **TrapPro** - Additional 512MB RAM required if using TrapPro.		
Navigator 6.x PC XPR Driving Proofers	• Pentium 4, 1.5 Ghz or faster • 40GB Hard drive • Windows 2000 Server or Pro w/service pack 2 or Windows XP Professional* • Network print server or USB port with suitable cable for connection to proofer. • 512MB RAM • 10/100 network interface card	• Pentium 4, 2Ghz or faster • 80 GB hard drive • Windows 2000 Pro w/Service pack 2 or Windows XP Home or Professional* • 512MB RAM minimum • Intel Pro 100 Network Interface • Network print server or USB port with suitable cable for connection to proofer.	• Pentium 4 or AMD 2.5 GHz or faster • Additional 7200 rpm EIDE or fast SCSI 80 GB+ Hard drive (allowing one drive for operating system and the fastest one for the RIP) • Internet connection for online WebEx powered training and support • Network print server or USB port with suitable cable for connection to proofer.

*Check product details on www.microsoft.com to understand differences between Home and Pro operating systems. XP Home is not supported by Xitron.
§Xitron offers Universal PCI (3.3/5 volt) cards for many output devices, other require 5-volt PCI slot. Check www.xitron.com/products/output.html for the most up-to-date information

NAVIGATOR RIP for Macintosh Operating Systems	MINIMUM Recommended to run the software	RECOMMENDED Specifications for optimal use
Navigator 6.x MAC RIP Driving Imagesetters	• G4 with USB • 40 GB hard drive • OS 9.2 or OS 10.2 • USB port for dongle • 512 MB RAM	• Additional 20 GB hard drive • Additional 512 MB RAM
Navigator 6.x MAC RIP Additional Options	• Additional 512 MB RAM required if using TrapPro	
Navigator 6.x MAC XPR Driving Proofers	• G4 with USB • 40 GB hard drive • OS 9.2 or OS 10.2 • USB port for dongle • 512 MB RAM • Network print server or USB to parallel cable (such as Epson C-USB-PK3) to connect to proofer.	• 80 GB or larger hard drive • Additional 512 MB of RAM
PictroProof RIP *Navigator 5.5r1 only. For PrictroProof II contact Xitron Sales*	• G3 or better with USB • 20 GB hard drive • OS 9.2 (not compatible with OS X) • 384 MB RAM • Adaptec 2930U/Mac SCSI card	

PILOT	MINIMUM Recommended to run the software	RECOMMENDED Specifications for optimal use.
Pilot Print Spooler *(Legacy Product, no longer available for new installations)*	• Pentium 800Mhz or higher • 80 GB fast-wide SCSI hard drive • 512 MB RAM • Windows 2000 Server • OS and application must be installed on a NTFS hard drive	• Pentium 4, 2GHz or faster • 80 GB hard drive • Additional 128GB hard drive for Pilot Spooler • Windows 2000 Server • 512MB RAM • Intel Pro-100 Network Interface 18 GB hard drive for operating system

FirstPROOF for Navigator RIP	MINIMUM Recommended to run the software	RECOMMENDED Specifications for optimal use. PC Platforms supplied by Xitron meet the recommended specifications
Windows Client	• Pentium 4, 1.5 Ghz, 512 Mb RAM • Requires *additional* 10 GB hard drive space minimum, minimum total of 40 GB recommended	• Pentium 4 or AMD, 2.5 Ghz, 512 Mb RAM • *Additional* 20GB hard drive space minimum
Macintosh Client	• G3 • OS 9.2 or 10.2 • 256 MB RAM • 10 GB free hard disk space • Network Interface card	• G4 • OS 9.2 or 10.2 • 512MB RAM • 40GB free hard disk space. • Network Interface card.
Macintosh FirstPROOF Client connecting to a Windows RIP	**FirstPROOF client on OS 9.2** RIPs running on *Windows XP (Professional)*, or *Windows 2000 Professional* will require a separate third party AppleShare utility (such as Miramar Systems' PC MacLAN) to use the Macintosh FirstPROOF client. This utility provides the ability to share folders from the Windows PC so FirstPROOF can locate and preview the RIPped files. *Windows 2000 Server* has this capability included. **FirstPROOF client on OS 10.2** Macintosh OSX 10.2 supports connectivity to the Windows OS using TCP/IP. Proper connectivity may require the assistance of a local IT professional.	

XiFlow Workflow Solution v1.0 for Navigator and other Harlequin 6.0 RIPs	MINIMUM Recommended to run the software	RECOMMENDED Specifications for optimal use.
XiFlow Server (PC Only) *(Server requirements vary based on production volume demands and number of client and RIP connections. Consult with a Xitron representative to determine specific requirements for an account.)*	• Pentium 4, 2 GHz or faster with open USB slot • 80 GB hard drive • Windows 2000 Server or Pro w/ Service Pack 2 or Windows XP Professional • 512 MB RAM • 10/100 Network Interface Card • PC MacLan (for connection to Mac OS9 clients when not running Windows 2000 Server**)** • Navigator PC or other Harlequin PC 6.0 RIPs (limited support for 5.5 RIPs)	• 160 GB hard drive • Windows 2000 Pro w/Service pack 2 or Windows XP Professional • 1 GB RAM • Intel Pro 100 Network Interface
XiFlow Client for Windows *(Recommendations do not include the requirements for other workstation software)*	• Pentium 4, 2 Ghz or faster • 40GB Hard drive • Windows 2000 Server or Pro w/service pack 2 or Windows XP Professional • 512 MB RAM • 10/100 network interface card	• 80 GB hard drive • Windows 2000 Pro w/Service pack 2 or Windows XP Professional • 1 GB RAM • 10/100 network interface card
XiFlow Client for Mac *(Recommendations do not include the requirements for other workstation software)*	• Mac G4, 1Gz or faster • 40GB Hard drive • Mac OS 9. 2 or Mac 10.2 (Mac 10.2 recommended) • 512 MB RAM • 10/100 network interface card	• 80 GB hard drive • Mac 10.2 • 1 GB RAM • 10/100 network interface card

Raster Blaster System Requirements

The minimum requirements shown are for nominal loads. Additional RAM, additional or faster processors, faster and/or larger hard drives may be necessary to achieve optimal speed and throughput. Use the minimum specifications provided as a starting point. Final PC configuration is an end-user decision based on budget, workflow and speed requirements. All configurations assume the customer will require and specify some form of network connectivity such as 100-base Ethernet.

RASTER BLASTER	MINIMUM Required to run the software	RECOMMENDED Specifications for optimal use. Platforms supplied by Xitron meet the recommended specifications	POWER USER Additional power for heavy use or planned expansion.
Raster Blaster	• Pentium 800Mhz or higher, • 20 GB hard drive • Windows 2000 Pro or Server SP 2, Windows XP Pro or Windows 2003 Server • 256 MB RAM • MS IE 4.0 and IIS 4.0 or higher if using browser • Slot for Xitron PCI card interface§	• Pentium 4, 2Ghz • 80 GB hard drive • Windows 2000 Pro or XP Pro • 256MB RAM • Pro/1000 Network Interface Card • Internet connection for on-line WebEx powered training and support • Slot for Xitron PCI card interface§ • 3 year on-site Warranty	• Pentium 4, 2GHz or faster • 200 GB hard drive • Windows 2000 Pro or XP Pro • 512 MB RAM • Pro/1000 Network Interface Card • Internet connection for on-line WebEx powered training and support • Slot for Xitron PCI card interface§

XITRON. Xenith System Requirements

The minimum requirements shown are for nominal loads. Additional RAM, additional or faster processors, faster and/or larger hard drives may be necessary to achieve optimal speed and throughput. Use the minimum specifications provided as a starting point. Final PC configuration is an end-user decision based on budget, workflow and speed requirements. All configurations assume the customer will require and specify some form of network connectivity such as 100-base Ethernet.

Note: Xenith Extreme requires Adobe Acrobat Distiller and Enfocus' PitStop Tools for PDF editing. These items are sold separately.

XENITH	MINIMUM Required to run the software	RECOMMENDED Specifications for optimal use. Platforms supplied by Xitron meet the recommended specifications	POWER USER Additional power for heavy use or planned expansion.
Xenith or Xenith+Primer	• AMD or Pentium 1.3 GHz or faster • 2000 Server or Server 2003 • 1 GB RAM • 2 - 80 GB Fast IDE hard drives • 10/100 NIC • Slot for Xitron PCI card interface§ • 3 year Warranty	• Dual AMD 2400 • 2000 Server • 1 GB RAM • 80 GB IDE w/8 MB cache • 120 IDE w/8 MB cache • 1000 BT Network interface • Internet connection for on-line WebEx powered support • Slot for Xitron PCI card interface§ • 3 year Warranty	• Dual AMD 2800 • 2000 Server • 1 GB RAM • 80 GB IDE w/8 MB cache • 2 x 120 IDE w/8 MB cache • Promise RAID Controller • 1000 BT Network interface • Internet connection for on-line WebEx powered support • Slot for Xitron PCI card interface§ • 3 year Warranty
Xenith Extreme *(See Note above regarding optional required software)*	• Dual AMD 2800 or Faster • 2000 Server or 2003 Server • 1 GB RAM • 80 GB IDE w/8 MB cache • 2 x 120 IDE w/8 MB cache • RAID Controller • 1000 BT Network interface • Internet connection for on-line WebEx powered support • Slot for Xitron PCI card interface§ • 3 year Warranty	• Dual AMD 2800 • 2000 Server • 1 GB RAM • 80 GB IDE w/8 MB cache • 2 x 120 IDE w/8 MB cache • Promise RAID Controller • 1000 BT Network interface • Internet connection for on-line WebEx powered support • Slot for Xitron PCI card interface§ • 3 year Warranty	• Dual AMD Opteron 248 or Faster • 2000 Server • 2 GB RAM • 4x 250 GB SATA (RAID 0+1) • SATA RAID Controller • 1000 BT Network interface • Internet connection for on-line WebEx powered support • Slot for Xitron PCI card interface§ • 3 year Warranty
§Xitron offers Universal PCI (3.3/5 volt) cards for many output devices, other require 5-volt PCI slot. Check www.xitron.com/products/output.html for the most up-to-date information			