lenovo® FOR THOSE WHO DO.™

AFFORDABLE NETWORK STORAGE

LENOVO® EMC® PX4-300R NETWORK STORAGE ARRAY

intel Celeron inside™

POWERFUL PERFORMANCE.
ADVANCED DATA PROTECTION.
CLOUD CONVENIENCE.

POWERFUL, SPACE-SAVING RACKMOUNT STORAGE ARRAY MADE FOR SMBS AND DISTRIBUTED ENTERPRISES

Powered by enterprise-class LenovoEMC™ storage technology, the Lenovo® EMC® px4-300r is an advanced performance network storage array in a space-saving 1U form factor for cloud-convenient content sharing, data protection and backup. As the affordable entry-level rackmount array of the px Series, the px4-300r has many business features, like iSCSI block access, configurable RAID, Snapshots, deduplication, Mindtree® video surveillance solution and embedded cloud capabilities like LenovoEMC Personal Cloud technology and Atmos® Cloud Connector, the Lenovo EMC px4 is ideal for small- to medium-sized businesses and distributed enterprise locations like branch and remote offices who need Active Directory High Availability, Hybrid Authentication, to store, share and protect their critical data. With up to 12TB of storage, the px4 offers a diskless configuration, so your storage can grow as your business grows.

EMBEDDED CLOUD TECHNOLOGY

Lenovo offers a fast and efficient "on-ramp" to the cloud along with flexible options for safeguarding business-critical data. With Lenovo, you have unprecedented choices, including personal and hybrid (public/private) clouds, to meet your business, budget and data protection needs. Regardless of approach, Lenovo ensures that files and folders can be easily backed up directly from any Lenovo device to the cloud—it's really that simple and seamless to ensure vital business data is safe and sound.

VIDEO SURVEILLANCE STORAGE

With Lenovo network storage devices, it's easy to view, archive, protect and share physical security video and audio files from anywhere with built-in video surveillance solutions. The Lenovo EMC px4-300r comes equipped with Mindtree® SecureMind™ Surveillance Manager to deliver a stand-alone VMS that easily sets up recordings and configurations directly and offers live monitoring, video recording, and easy, fast video playback from multiple IP cameras.

NETWORK STORAGE HIGHLIGHTS

- Powered by LenovoEMC™ storage technology
- Intel Celeron 2.2GHz CPU + 2GB DDR3 RAM
- Supports PC, Mac® & Linux® clients
- VMware®, Citrix® XenServer™, and Windows® Server certified
- Flexible configurations of a diskless option, storage pools and configurable RAID
- Windows Active Directory Trusted Domains, MSCS and Hyper-V Live Migration support
- Built-in anti-virus scanning and cleaning with McAfee® VirusScan® Enterprise
- Embedded Cloud Technology including EMC® Atmos® Cloud Connector, EMC® Avamar data deduplication, LenovoEMC™ Personal Cloud, Mozy Pro™, and Amazon® S3
- Video Surveillance ready with Mindtree® SecureMind™ Video Management System (VMS) application, including one IP camera license

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KEY DIFFERENTIATORS

- **Enhanced Operating System** – Powerful LenovoEMC™ LifeLine™ software allows users to store and manage all of their valuable data on one centralized, secure, affordable storage appliance.

- **System Status Dashboard** – The LenovoEMC LifeLine system status dashboard provides a one-stop-shop for space usage, device information, control, and status. If one of these components has encountered an error, you are linked to the page that requires your attention.

- **RAID Support** – RAID 1, 10, 5 & hot spare, automatic RAID rebuild and hot swap. RAID 0 and JBOD mode also available.

- **Dual Gigabit Ethernet Connectivity** – With Dual GbE ports for bonding or failover.

- **iSCSI Target** – Provides block-level access for the most efficient storage utilization, especially for backup, database and email application performance. It can be used in parallel with file-level storage access via CIFS/NFS. Includes support for persistent reservations.

- **Snapshots** –– Allows backup of a source volume at a certain point in time and restore to the source volume, reverting to its state at the time.

- **Deduplicating Backup with EMC® Avamar** – Equipped with integrated data deduplication technology, Avamar facilitates fast, daily full backups significantly reducing backup windows.

- **Sharing** – Access files from any networked Windows® PC, Linux® or Mac® for easy file sharing and data backup.

- **Simplified Backup** – PC Backup with Acronis.

- **LenovoEMC™ Link** – LenovoEMC Link gives you a direct link to your Lenovo device via your iPhone, iPod Touch, iPad, or Android mobile device.

- **Remote Access** – You can safely connect to your valuable files from anywhere in the world, through an internet connection.

- **Power Savings** – Idle drive spin-down reduces power consumption; a variable-speed fan ensures that only the right amount of power is used to cool your device.

- **Power Handling Improvements** – Scheduled power off/Wake On LAN supports the ability for a device to 'go to sleep' and shut itself down or 'wake on' when there is little to no traffic or activity to reduce power consumption.

- **Encrypted Volume** – Allows you to create an encrypted volume with an assigned password; thus securing the data on the encrypted volume.

- **Anti-Virus Scanning** – Built-in anti-virus scanning and cleaning with McAfee® VirusScan® Enterprise.

- **Active Directory High Availability (HA) and Hybrid Authentication** – Allows users to connect to multiple domain controllers, accessing the secondary if the primary is unavailable and allows for local authentication mode if central (remote) DC is not available.

- **Network File Protocols Supported** – CIFS/SMB/Rally (Microsoft), NFS (Linux/UNIX), AFP/Bonjour (Apple), FTP, SFTP TFTP, HTTP, HTTPS, WebDAV, Windows DFS, SNMP.

- **Virtual Environment Support** – VMware®, Citrix XenServer™ and Windows® certified for NFS (VMware only) & iSCSI.

- **Device-to-Device Data Replication** – Replicate your data from Lenovo network storage device to Lenovo network storage device, to an external USB drive, or to another network target.

- **Backup-to-Disk (B2D) Target** – With HCL listing, Lenovo network storage products are identified as compatible disk targets for Symantec™ Backup Exec™ software.

- **Video Surveillance** – Use as a Surveillance Storage Target and simply store surveillance video on up to 12TB of capacity and utilize remote management; or get an all encompassing solution that blends smart storage, leading VMS software and IP cameras with the Integrated Video Management System (IVMS), connecting up to 32 cameras per device with Mindtree® SecureMind™ Surveillance Manager; utilize cloud technology for a low-cost solution with the Hosted Video Surveillance Solution (HVSS).

- **Personal Cloud Technology** – The ultimate data protection and remote access solution for SMBs, this web-based solution protects valuable business information and is completely self-owned, so there are no usage or subscription charges.

- **Cloud Backup Options** – Back up selected files directly from your Lenovo network storage to the MozyConnect™, Atmos or Amazon S3™ storage clouds for off-site safekeeping of important data. Additional charges apply.

- **Solid State Drive Support** – For I/O intensive applications, the px4-300r can be fitted with solid state drives to boost performance.

- **Mac OS X Lion and Time Machine® Support** – Supports Mac Mountain Lion OS X 10.8 and Time Machine, allowing the Lenovo network storage device to serve as a Time Machine target for your Apple computers.

- **User Quotas** – Manage capacity by setting a maximum for shared storage.

- **UPS Support** – Enables unattended system shutdown via the USB port without data loss in the case of power failure.

- **Expandability** – Add storage capacity by connecting external USB Hard Disk Drives; read and write on Fat32, NTFS, HFS+, or ext2/ext3 formatted hard disks.

SERVICE AND SUPPORT

Lenovo support options deliver choice and flexibility. The Lenovo EMC px family includes a three-year warranty with U.S.-based phone support 24 hours a day, seven days a week. Optional service plans available, the Enhanced Service Plan or the Premium Service plans that include 24x7 support and onsite support. See www.lenovoemc.com/serviceplans for more details.

PRODUCT SPECIFICATIONS

Lenovo EMC px4-300r

SKU (CAPACITY)	INTERFACE	KEY FEATURES
70BJ9003WW – diskless 70BJ9006WW – 4TB 70BJ9007WW – 8TB 70BJ9004WW – 12TB 70BJ9005WW – 16TB	Ethernet Port (2xGbE)	· LenovoEMC LifeLine · Intel Celeron 2.2GHz CPU + 2GB DDR3 RAM · RAID 1, 10, 5, hot spare and JBOD · Automatic RAID rebuild and hot swap · 3 USB 2.0 ports · Diskless Configuration · Device to Device Data Replication · VMware, XenServer, Windows compatible · Solid State Drive compatibility · Snapshots