

DESCRIPTION

Short Description: The Lenovo® EMC® px2-300d Acronis Backup Appliance provides complete backup protection throughout your small business network. Included backup software by Acronis delivers automatic and continuous backup protection for your Server, NAS and up-to three Windows PCs. Ideal for a small-to medium-sized businesses looking to implement a complete network backup protection plan, the Lenovo® EMC® px2-300d is also a full featured network storage, sharing and data protection appliance.

Long Description: Lenovo® EMC® px2-300d Acronis Backup Appliance, packs ultra-fast storage and protection into a small, quiet chassis, with included backup software by Acronis for automatic and continuous backup protection for your Server, NAS and up-to three Windows PCs. The Lenovo EMC px2-300d is also a full featured network storage, sharing and data protection appliance. The complete backup protection is provided by 3 software components: 1) Acronis Backup & Recovery 11.5 OEM Server protects one Windows and one Linux server with state-of-the-art imaging technology, creating a disk-image backup containing Server Operating System, applications and data, to the NAS; 2) Acronis Backup & Recovery for Lenovo EMC NAS provides image backup of the NAS to a secondary network storage target; 3) True Image Lite 2013 by Acronis provides automated data protection for three (3) Windows PCs (additional PC client licenses are sold separately, by Acronis). For an even more complete data protection, the Lenovo® EMC® px2-300d Acronis Backup Appliance also integrates McAfee® VirusScan® Enterprise providing real-time on-access and automatic anti-Virus scanning and cleaning.

TOP FEATURES

1. SERVER-To-NAS backup with Acronis Backup & Recovery (ABR) 11.5 OEM Server
2. NAS-To-NAS backup with Acronis Backup & Recovery for Lenovo EMC NAS
3. PC-to-NAS backup with Acronis True Image Lite 2013
4. Active Snapshot backup (.VSS & .VDS provider)
5. Built-in McAfee VirusScan Enterprise
6. Diskless model with up-to 8TB of Hard Drive storage capacity option
7. Intel® Atom Dual Core CPU, 2 GbE NICs for performance

Scheduled Availability: September, 2013



POWERFUL BACKUP FUNCTIONALITY

SERVER-to-NAS Backup: the solution includes 1 license for Acronis Backup & Recovery 11.5 OEM Server for Windows® and 1 license for Acronis Backup & Recovery 11.5 for Linux servers

Key features:

- ABR 11.5 OEM Runs resident on Server or PC Workstation
- Includes: Full volume backup, Incremental, Differential, Scheduled, Disks/Partitioning/Cloning, Encryption, Password Protected, Validated backup
- Restore at file-level

Language support: Arabic, Brazilian Portuguese, Chinese Simplified, Chinese Traditional, English, French, German, Hebrew, Italian, Japanese, Korean, Polish, Russian, Spanish, Swedish and Turkish

NAS-to-NAS Backup: the solution includes 1 NAS license for Acronis Backup & Recovery for Lenovo EMC NAS

Key features:

- Runs resident on px NAS
- Installation and setup requires a PC with included Acronis Management Console software
- Includes: Full volume backup, Incremental, Scheduled backup
- Restore at file-level

Language support: Chinese Simplified, Chinese Traditional, Czech, English, French, German, Italian, Japanese, Korean, Polish, Russian and Spanish

PC-to-NAS Backup: the solution includes 3 licenses of Acronis True Image Lite 2013 for Windows PCs; additional licenses are available from Acronis (charges apply).

Key features:

- Compatible with Windows XP, Vista, Windows 7 & Windows 8
- Includes: Nonstop (continuous) backup, Online backup option (to Acronis Cloud, additional charges apply), Incremental (File Level)

Language support: Chinese Simplified, Chinese Traditional, Czech, Dutch, English, French, German, Italian, Japanese, Polish, Russian and Spanish

Snapshots: Point-In-Time backup of a complete volume image including Active Snap capability. Also uses .VSS and .VDS for compatibility with Windows & VMware hosts.

Cloud Backup: ideal solution to leverage cloud storage

solutions for protecting vital data; files and folders can be easily backed up directly to the following cloud types:

- **LenovoEMC™ Personal Cloud:** Synchronize data between two or more devices connected on your Personal Cloud, by automatically replicating data from your primary NAS (using rSync) to a second location device (for instance another NAS), without incurring monthly storage fees
- **EMC Atmos Cloud Connector** (hybrid public/private Cloud technology): The Atmos Connector software lets a user backup and share data using Lenovo network storage devices as the source and Atmos cloud technology as the target.
- **Public Cloud Backup:** Use one of the integrated 3rd party cloud-based storage services such as Amazon S3 or Mozy™ (MozyPro or MozyConnect) to replicate data from your px2-300d to your public cloud account.

Deduplicating Backup with EMC Avamar – With Avamar support on the px2-300d, users have the industry's first storage product that natively supports EMC's industry-leading Avamar sub-file deduplication for remote office/branch office (RoBo) backup.

Symantec Backup: Lenovo network storage products are identified as compatible disk targets for Backup Exec software.

Data Replication / Device to Device Data Copy Jobs:

- Easily copy files to and from attached USB drives or any network share – including LenovoEMC Personal Cloud locations – using the secure rsync or CIFS protocol.
- Define your Copy Job to copy/synchronize files to and from connected drives and/or any other shared storage on your network.
- Schedule jobs to run on a predetermined schedule

Apple® Time Machine™ Backup: Compatible backup target

OTHER PROTECTION FEATURES

McAfee® Anti-Virus: provides built-in, real-time on-access and automatic anti-Virus scanning and cleaning using the embedded McAfee® VirusScan® Enterprise

Configuration Backup and Restore: Allows you to back up and restore system configuration information. Backing up a configuration saves various system properties, including users, groups, device identification, and share names and permissions.

System Status: Consolidated resource on space utilization, device information, and status. In addition, you can manage controls such as device restart from here.

SMART Hard Drive Monitor: Continually monitors and reports on the health of all drives in the Lenovo network storage device.

Reporting: Email alerts and Event Logging provide up-to-the-minute updates on the status of your device even when you are away from your computer. SNMP agent monitoring helps administrators centrally manage the px2-300d.

LenovoEMC™ Link iOS & Android application:

LenovoEMC™ Link gives you a direct access to your px2-300d via your iOS or Android device. You have the ability to upload, download, browse and copy content on your network storage devices using LenovoEMC Link mobile app. (download app from iTunes or Google Store)

Uninterruptible Power Supply (UPS) Support: Allows for unattended system shutdown via the USB port to prevent data loss in case of power failure.

Application Manager: Third party applications such as the Milestone® Arcus™ Video Surveillance Management software can be installed using the embedded application manager.

Warranty: 3 year limited warranty

SPECIFICATIONS

- Desktop form factor
- Intel Atom Dual Core D525 CPU @ 1.8GHz with 2GB RAM
- 2 x 3.5" Hot-Swap SATA-II Hard Disk Drives
- RAID 0, 1; carrier can accommodate 2.5" and 3.5" drives (including 4TB HDD)
- 2 x RJ45 10/100/1000Mbps (GbE) Ethernet port
- LAN standards: IEEE 802.3, IEEE 802.3u
- 1 x USB 3.0 and 2 USB 2.0 ports (to connect external HDD, UPS, Bluetooth dongle)
- iSCSI LUNs - up to 256 LUNs
- Network File Protocols Supported: IFS/SMB/Rally (Microsoft), NFS (Linux/UNIX), AFP/Bonjour (Apple), FTP, SFTP, TFTP, HTTP, HTTPS, WebDAV, Windows DFS, SNMP.
- AC Voltage 100-240 VAC
- Power Consumption
 - Max: 40W
 - Min: 20W (drives spun down)
 - Peak: 65W for 1.5s
 NOTE: These values represent a fully loaded device with the highest capacity HDD. Values may vary with other configurations.
- Acoustic noise – 29.3 dBA maximum
- Operational Temperature/Humidity:
 - Temperature: 50°F – 104°F (10°C-40°C)
 - Humidity: 8-85% R.H
- VGA Port for local display of video with Mindtree VMS software
- User interface localized for English, French, Italian, German, Spanish, Brazilian Portuguese, Russian, Traditional Chinese, Simplified Chinese, Korean, Japanese, Arabic, Hebrew, Turkish, Swedish, Dutch, and Polish.
- Client computers for file system access: Windows PC, Mac OS, Linux

CERTIFICATIONS

The px2-300d, Network Storage has received the following certifications:

- Windows® Server 2008 R2 and Windows Server 2012
- VMware vSphere ESX 5.1 iSCSI and NAS
- XenServer™ 5.5, 5.6 (w/ MPIO), iSCSI & NFS

CONTENTS

- Lenovo® EMC® px2-300d Network Storage
- Ethernet cable
- Power supply (UE, UK, CH, IT power cord)
- Printed Quick Start Guide
- Printed Acronis Backup Quick Start Guide with True Image Lite 2013 PC stub licenses

- Printed Acronis Server & NAS Backup software Installation Guide

NOTE: Lenovo® EMC®™ Storage Manager client software and user help documentation is available via download.

SYSTEM REQUIREMENTS

- Setup of Acronis Backup & Recovery 11.5 OEM Server, and Acronis Backup & Recovery for Lenovo EMC NAS requires a Windows PC running Microsoft® Windows® (XP / Vista / 7 / 8)
- Available 10/100/1000 Mbps network Ethernet port (required).
- Internet Explorer 7, Firefox® 3.x, Chrome 9, Safari 4 or later browser.
- Personal Cloud and remote access specific requirements:
 - Internet connection
- Universal Plug and Play (UPnP™) compatible router, or administrative rights to port forward.
- Recommended minimum sustained connection speeds for a good Personal Cloud experience.
 - Download: 2.5 Mbit/s
 - Upload: 500Kbit/s
- Personal Cloud is not compatible with Active Directory
- Personal Cloud is not compatible with XP 64 bit

PC Users:

- Microsoft® Windows® XP / Vista / 7 / 8 (all versions - exclusive of XP 64 bit for Personal Cloud)

Mac® Users:

- Mac OS X 10.6 – 10.8

Linux® Users

- Redhat Enterprise 6, Ubuntu 11, OpenSUSE 11.4, Other compatible Linux versions

WEIGHT AND DIMENSIONS (EMEA)

Unit Information	Single Package Information	Master Carton Information	Pallet Information
12.62 x 22.63 x 20.78 cm 2.59 kg with 0 HDDs 3.90 kg with 2 HDDs	30.2 x 19 x 30.71 cm 3.62 kg with 0 HDDs 4.93 kg with 2 HDDs	40.01 x 32.39 x 32.79 cm 7.69 kg with 0 HDDs 10.31 kg with 2 HDDs 2 units per master carton	120 x 80 x 176 cm 321.3 kg with 2 HDDs 242.7 kg with 0 HDDs 5 layers, 6 master cartons per layer 60 units per pallet

All dimensions LxWxH and are approximations

ORDERING INFORMATION

SKU	Model	EAN
70BA9010EA	LENOVO® EMC® PX2-300D ACRONIS BACKUP APPLIANCE, DISKLESS	0888228173276
Accessories		
4N40A33705	NAS DRIVE 1TB FOR PX PRO SERIES 7200RPM (SEAGATE ST1000DM003)	0887770965124
4N40A33707	NAS DRIVE 2TB FOR PX PRO SERIES 7200RPM (SEAGATE ST2000DM001)	0887770965148
4N40A33709	NAS DRIVE 3TB FOR PX PRO SERIES 7200RPM (SEAGATE ST3000DM001)	0887770965162
4N40A33704	NAS DRIVE 1TB BARE FOR PX SERIES, SERVER CLASS (HITACHI HUA722010CLA330)	0887770965117
4N40A33708	NAS DRIVE 2TB BARE FOR PX SERIES, SERVER CLASS (HITACHI HUA723020ALA640)	0887770965155
4N40A33711	NAS DRIVE 3TB BARE FOR PX SERIES, SERVER CLASS (HITACHI HUA723030ALA640)	0887770965186
4N40A33713	NAS DRIVE 4TB BARE FOR PX SERIES, SERVER CLASS (HITACHI HUS724040ALE640)	0887770965209
4N40A33715	NAS SSD 128GB FOR PX4-300D/PX6-300D/PX4-300R (MICRON MTFDDAC128MAM-1J1)	0887770965223
4N40A33717	NAS SSD 256GB FOR PX4-300D/PX6-300D/PX4-300R (MICRON MTFDDAC256MAM-1K1)	0887770965247
Service Plans **		
5WS0A37768	EXTENDED SERVICE PLAN PX DESKTOP SERIES - 5 YEARS, 24X7 PHONE SUPPORT	0887942292942
5WS0A37773	ENHANCED SERVICE PLAN PX DESKTOP SERIES - 3 YEARS, 24/7 PHONE SUPPORT, NBD ON-SITE	0887942292898
5WS0A37774	ENHANCED SERVICE PLAN PX DESKTOP SERIES - 5 YEARS, 24/7 PHONE SUPPORT, NBD ON-SITE	0887942292881
Video Surveillance		
4N70A34015	MILESTONE® ARCUS™ 1 CAMERA LICENSE WITH 1 YEAR SUPPORT FOR LENOVO EMC NVR	0887942293031
4N70A34014	MILESTONE® ARCUS™ UPDATE PLAN FOR SINGLE CAMERA/1 YEAR FOR LENOVO EMC NVR	0887942293024
4N70A34002	MINDTREE® SECUREMIND CAMERA LICENCES FOR 2 CAMERAS IX/PX SERIES	0887942375195
4N70A34003	MINDTREE® SECUREMIND CAMERA LICENCES FOR 4 CAMERAS IX/PX SERIES	0887942375201
4N70A34004	MINDTREE® SECUREMIND CAMERA LICENCES FOR 8 CAMERAS IX/PX SERIES	0887942375218
4N70A34006	MINDTREE® SECUREMIND CAMERA LICENCES FOR 16 CAMERAS PX SERIES ONLY	0887942375232

** Available in most geographies, some restrictions apply