Digitus DN-13020

Digitus 1-Port USB 2.0 Multifunction Network Server Instruction Manual

Model: DN-13020 | Brand: Digitus

1. INTRODUCTION

The Digitus 1-Port USB 2.0 Multifunction Network Server (Model DN-13020) is a versatile device designed to share USB peripherals and storage devices across a local area network. It integrates the functionalities of a print server, a Network Attached Storage (NAS) server, and a network USB hub, enabling multiple users to access connected USB devices efficiently.

Key features include:

- Integrated print server, ideal for sharing multifunction printers.
- Allows USB storage media to be used as network storage (NAS).
- LAN port supports transfer rates up to 100 Mbps.
- Note: Simultaneous access to certain functions by multiple users may not be possible.

2. SAFETY INFORMATION

Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or damage to the device.

- Do not expose the device to water, moisture, or extreme temperatures.
- Ensure proper ventilation to prevent overheating.
- Use only the provided power adapter.
- Do not attempt to open or repair the device yourself. Refer all servicing to qualified personnel.
- Keep the device away from direct sunlight and heat sources.

3. Package Contents

Verify that all items are present in the package:

- Digitus 1-Port USB 2.0 Multifunction Network Server (DN-13020)
- Power Adapter
- Product Support CD-ROM
- Quick Installation Guide

4. Product Overview

Familiarize yourself with the device's components and indicators.

Figure 4.1: Top-down view of the Digitus Multifunction Network Server, showing LED indicators for Power, Link, ACT, and USB.
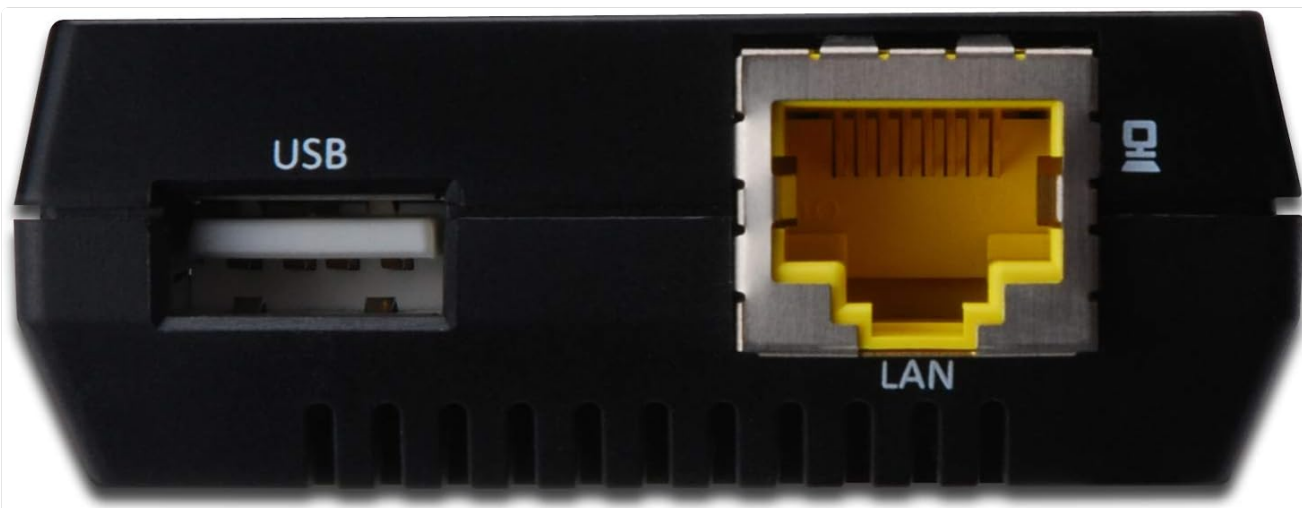
Figure 4.2: Rear view of the Digitus Multifunction Network Server, highlighting the USB 2.0 port and the LAN (Ethernet) port.

LED Indicators:

- **Power:** Indicates the device is powered on.
- **LINK:** Indicates a successful network connection.
- **ACT:** Flashes to indicate network activity.
- **USB:** Indicates a USB device is connected and active.

Ports:

- **USB 2.0 Port:** For connecting USB devices such as printers, external hard drives, or USB hubs.
- **LAN Port (RJ45):** For connecting the device to your network router or switch.
- **Power Input:** For connecting the provided power adapter.

5. SETUP

Follow these steps to set up your Digitus Multifunction Network Server:

1. **Connect Power:** Connect the provided power adapter to the device's power input and then plug it into a power outlet. The Power LED should illuminate.
2. **Connect to Network:** Use a standard Ethernet cable to connect the device's LAN port to an available port on your network router or switch. The LINK LED should illuminate, and the ACT LED may flash.
3. **Connect USB Device(s):** Plug your USB device (e.g., printer, external hard drive, USB hub) into the USB 2.0 port on the server. The USB LED should illuminate.
4. **Install Software:**

   - Insert the Product Support CD-ROM into your computer's CD/DVD drive and follow the on-screen instructions to install the necessary utility software.
   - Alternatively, you may be able to access the device's configuration interface via a web browser by entering its IP address (refer to your router's connected devices list or the Quick Installation Guide for the default IP).

5. **Configure Device:** Use the installed software or web interface to configure the print server, NAS, or USB hub functionalities as needed for your specific devices and network environment.

The device supports Windows 10, 8.1, 8, 7, Vista, XP, and Mac OS 10.10.

6. OPERATING INSTRUCTIONS

6.1. Print Server Functionality

To use the device as a print server, connect your USB printer to the server's USB port. Install the printer's drivers on each computer that needs to access the printer. Use the Digitus utility software to add and manage the network printer. This allows multiple computers on the network to send print jobs to the shared printer.

6.2. Network Attached Storage (NAS) Functionality

Connect a USB storage device (e.g., external hard drive, USB flash drive) to the server's USB port. The server can then make this storage accessible over the network using protocols such as FTP, SMB (Server Message Block), and CIFS (Common Internet File System). You can map network drives on your computers to access files on the connected storage.

Important Note: This device primarily supports SMB1 protocol for NAS functionality. Modern operating systems like Windows 10 and newer may have SMB1 disabled by default due to security concerns. You may need to enable SMB1 on your client computers or use alternative protocols like FTP for access. The LAN port supports up to 100 Mbps, which may limit transfer speeds for large files.

6.3. Network USB Hub Functionality

Beyond printers and storage, the server can share other USB devices over the network. Connect a standard USB hub to the server's USB port, and then connect multiple USB devices (e.g., scanners, webcams, card readers) to the USB hub. The Digitus utility software allows you to connect to and use these devices from your networked computers as if they were directly connected.

7. MAINTENANCE

To ensure optimal performance and longevity of your Digitus Multifunction Network Server:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use liquid cleaners or aerosols.
- **Ventilation:** Ensure the device is placed in a well-ventilated area, free from obstructions that could block airflow.
- **Firmware Updates:** Periodically check the Digitus support website for any available firmware updates. Applying updates can improve performance, add features, or resolve issues.

8. TROUBLESHOOTING

If you encounter issues with your device, refer to the following common problems and solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Device not detected on network.	No power, faulty Ethernet cable, incorrect network settings.	Check power connection and Power LED. Verify Ethernet cable is securely connected and LINK LED is on. Ensure your router is assigning an IP address to the device. Temporarily disable firewall on your computer for testing.
Printer/Scanner not working via server.	Incorrect driver installation, device not supported, software not configured.	Ensure the correct printer/scanner drivers are installed on your computer. Verify the device is listed and enabled in the Digitus utility software. Some multifunction printers may have limited functionality (e.g., scanning) when connected via a print server.
NAS storage inaccessible or slow.	SMB1 disabled on client, network speed limitation, drive formatting.	Check if SMB1 client support is enabled on your Windows 10/11 computer. Confirm the storage device is properly formatted (e.g., FAT32, NTFS). Note that the LAN port is 100 Mbps, which is slower than Gigabit Ethernet.
Device feels warm during operation.	Normal operation, insufficient ventilation.	A slight warmth is normal. Ensure the device has adequate airflow around it. Do not cover ventilation holes.

9. SPECIFICATIONS

Brand	Digitus
Model Number	DN-13020
Product Dimensions	24 x 15 x 2 cm
Item Weight	0.28 g
USB Ports	1 (USB 2.0)
Ethernet Ports	1 (10/100 Mbps LAN)
Data Transfer Rate	100 Megabits Per Second (LAN)
Supported Protocols	FTP, SMB, CIFS
Supported Operating Systems	Windows 10, 8.1, 8, 7, Vista, XP, Mac OS 10.10

Colour	Black
Global Trade Identification Number (GTIN)	04016032292913

10. WARRANTY AND SUPPORT

Warranty: This product comes with a 1-year EU spare part availability duration. Please retain your proof of purchase for warranty claims.

Technical Support: For further assistance, technical support, or to check for the latest drivers and firmware updates, please visit the official Digitus website or the manufacturer's support portal:
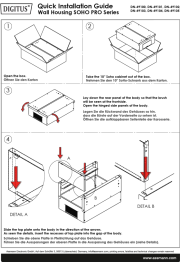
- Digitus Official Website: www.digitus.info
- Assmann Solutions Overview: Assmann.com Solutions

Manufacturer: Assmann Electronic GmbH, Auf dem Schüffel 3, 58513 Lüdenscheid, Germany.

Related Documents - DN-13020

DIGITUS® SERVER DI RETE MULTIFUNZIONALE USB 2.0 A 2 PORTE, 300 Mbps Guide d'installation rapide DN-13024	**DIGITUS DN-13024 USB 2.0 2-Port Multifunction Print Server Quick Installation Guide** This document provides a quick installation guide for the DIGITUS DN-13024 USB 2.0 2-Port Multifunction Print Server. It covers hardware and software installation, server configuration, and usage for printing, scanning, and USB storage.
DIGITUS® 2-PORT USB 2.0 WIRELESS MULTI-FUNCTIONAL NETWORK SERVER, 300 Mbps Kurzanleitung DN-13024	**DIGITUS 2-Port USB 2.0 Wireless Multi-Functional Network Server, 300 Mbps Quick Start Guide** This document provides a quick start guide for the DIGITUS 2-Port USB 2.0 Wireless Multi-Functional Network Server, 300 Mbps. It covers initial setup, hardware installation, software installation for Windows and macOS, server configuration, and instructions for printing, scanning, and using USB storage.

	DIGITUS 2-Port Wireless USB 2.0 300 Mb/s Network Server Quick Installation Guide This guide provides instructions for installing and configuring the DIGITUS 2-Port Wireless USB 2.0 300 Mb/s Network Server. It covers hardware installation, software setup, and usage for printing and scanning.
	DIGITUS Wall Housing SOHO PRO Series Quick Installation Guide Step-by-step instructions for installing the DIGITUS Wall Housing SOHO PRO Series network cabinets, including models DN-49100 through DN-49105.
	DIGITUS Parallel Printer Fast Ethernet Print Server Quick Installation Guide (DN-13001-1) This guide provides step-by-step instructions for installing and configuring the DIGITUS Parallel Printer Fast Ethernet Print Server (DN-13001-1) for network printing.
	DIGITUS Shielded Patch Panel Installation Guide Comprehensive installation guide for DIGITUS shielded patch panels, covering strain relief, cable fixing, and connection procedures. Includes product specifications and RoHS compliance information.