BROTHER® TD-4000 & TD-4100N

DESKTOP BARCODE AND LABEL PRINTERS

Light Industrial Thermal Printers
for Labels, Receipts, & Tags

BROTHER MOBILE SOLUTIONS, INC.

brother
at your side

Manufacturing

Warehouse

Retail

Desktop Barcode and Label Printers

The Brother TD-4000 and TD-4100N desktop barcode and label printers represent a great value at an affordable price. They feature a four-inch wide print head, high resolution printing, fast throughput, and a built-in auto cutter, all of which make these printers an excellent choice for many vertical market applications. With 300 dpi resolution and a maximum print speed of 4.3 inches per second, the Brother TD-4000 and TD-4100N desktop barcode and label printers are optimized for Windows® printing, and combine fast, professional output with the ease of use and low maintenance requirements of direct thermal printing. Direct thermal printing means no ink, toner, or ribbons to replace.

The powerful Brother P-touch® Editor label design software is included with each printer to help you design and print customized, on-demand labels for just about any application. You can create labels, receipts, and tags with text, graphics, and over 14 industry-standard linear and 2D bar codes. In addition, you can use P-touch Editor to connect to and print from a variety of data files, includes text and CSV files, Excel® spreadsheets, and Microsoft® Access® and SQL Server® databases.

Two TD models:

- TD-4000, with USB and Serial interfaces
- TD-4100N, with USB, Serial, and Ethernet interfaces

Both printers measure 6.8" (W) x 9.0" (D) x 6.2" (H), and are perfect for desktops and counters where space is at a premium.

A Wide Range of Connectivity

Both printers include USB and serial interfaces, while the TD-4100N also includes a built-in Ethernet interface. This gives end users and system integrators the flexibility to print from several different platforms and using different data formats:

- USB, serial, and Ethernet interfaces for optimized Windows printing.

- Ethernet, USB and serial interfaces for printing from non-Windows applications using ESC/P emulation or direct ASCII data.

- Serial interface, to connect directly to medical instruments, test equipment, handheld terminals, postage scales, and other stand-alone devices.

Benefits of Network Printing

The TD-4100N, with its built-in Ethernet interface, allows multiple users to connect to and use one shared printer. This not only saves space, but allows users to print labels, receipts, or tags from different locations. Using a single shared printer also means that companies incur a lower initial purchase cost to serve multiple users. The included network management tools make it easy to set up, configure, and manage Brother TD desktop barcode printers.

Applications:

Manufacturing:
- Work-in-process
- Finished goods inventory
- Prototype packaging
- Short-run production
- Quality control

Warehouse:
- Shelves and bins
- Shop floor control
- Pallet and case identification
- Aisles and racks
- Product identification

Retail:
- Returned goods
- Item and shelf
- Retail pharmacy
- Nutrition and Ingredients labels
- Markdowns

Post and Parcel:
- Shipping and Receiving
- Instructions and Warnings
- Returned goods
- Tracking and Routing
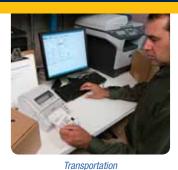- Compliance labeling

Healthcare:
- In-house pharmacy
- Patient identification
- Laboratory specimens
- Pathology/Histology slides
- Asset and inventory management

An Easy Integration Solution for Software Developers

Brother provides an easy-to-use software development kit for integrating the TD-4000 and TD-4100N desktop barcode and label printers into most Windows applications. Using the Brother API, applications can pass text, numbers, graphics, and bar code data to document templates, and print labels, receipts, and tags directly to the printers. This simplifies printer integration and frees application developers from having to use the Windows API.

Post and Parcel

Healthcare

Transportation

Key Product Features

- High-quality, 300 dpi resolution is great for printing fine text, graphics, barcodes, and logos.

- Built-in auto cutter allows labels and receipts of various lengths to be printed from continuous label or paper rolls.

- TD-4000 and TD-4100N desktop barcode and label printers measure 6.8" (W) x 9.0" (D) x 6.2" (H), and are perfect for desktops and counters where space is at a premium.

- USB and serial interfaces are standard on both printers for optimized Windows printing. Compatible with Windows 7 **

- Built-in Ethernet port on the TD-4100N allows multiple users to share one printer.

- Five resident fonts and 14 linear and two-dimensional barcode symbologies.

- Print from non-Windows applications via the USB, serial and Ethernet interfaces using ESC/P emulation or ASCII data.

- Print from stand-alone devices and handheld terminals and scanners via the serial port.

Software Included

- P-touch Editor is a powerful software application for designing and printing customized, on-demand labels, receipts and tags. It can also be used to connect to and print from text and .csv files, Excel spreadsheets, and Microsoft Access and SQL Server databases.

- BRAdmin Light network management software is included with the TD-4100N to make it easier to set up and manage Brother desktop barcode printers.

A Variety of Media Options

(Separate purchased required)

The Brother TD-4000 and TD-4100N desktop barcode and label printers use reliable, direct thermal technology. To give users the greatest flexibility in designing their solutions, the printers can accept a wide variety of thermal media. These printers use Genuine Brother or most medium/high sensitivity direct thermal label, receipt, and tag media. The quality of thermal paper, however, can vary greatly and significantly impact the results of your printing solution. For best results, Brother recommends using Genuine Brother RD Roll media to maximize the performance of the TD-4000 and TD-4100N desktop barcode printers and the quality of the output. The Genuine Brother RD Roll media, available in standard and custom* sizes, has several advantages:

- Genuine Brother RD Roll die-cut and continuous media gives the highest quality output for your labels, receipts and tags.

- Genuine Brother RD Roll media is designed to maximize the life and performance of the TD-4000 and TD-4100N.

- The Genuine Brother RD Roll media has been tested and approved to provide the best results in terms of media reliability, performance, contrast, and longevity.

- Brother can develop custom media in different sizes and shapes, alternate label and tag stock, preprinted designs, and high-quality, non-adhesive receipt paper.

Contact your Brother Mobile Solutions representative for quotes and delivery information on standard and custom media, including sizes and shapes, colors, pre-printed designs, and various media stock.

*Custom media is available upon special order.

**Printer drivers for Windows 7 can be downloaded from the Brother Solutions Center at http://solutions.brother.com

TD Desktop Barcode and Label Printers

TD-4000
(USB, Serial)

TD-4100N
(USB, Serial, and Ethernet)

Technical Specifications

Features	TD-4000	TD-4100N
Model Type	Desktop Barcode and Label Printer	Desktop Barcode and Label Printer (Network)
Maximum Media Width	4.16" (105.6 mm)	
Maximum Printing Speed	4.3 ips (110 mm/sec)	
Maximum Print Resolution	300 x 300 dpi (12 x 12 dots/mm)	
Printing Method	Direct Thermal	
Cutter	Automatic (Built-in)	
Media Sensor & Position	Fixed Transmissive, Edge	
Media Types	Drop-In Roll or Fanfold (rear slot) Continuous Label or Paper, Die Cut Labels, Tag Stock	
Maximum Roll Size (outside diameter)	4" (101.6 mm)	
Resident Fonts	Helsinki, Brussels, Letter Gothic, San Diego, Brougham	
Resident Barcodes	**Linear:** Code39, ITF (I-2/5), UPC-A, UPC-E, EAN8, EAN13, Codabar (NW-7), Code128, UCC/EAN128, GS1 DataBar (RSS) **2-Dimensional:** PDF417, QR Code, Data Matrix, Maxicode	
Software (included on CD-ROM)	P-touch® PT-Editor 5.0, Transfer Manager 2.1, Transfer Express, Library 2.1	BRAdmin Light 1.14, P-touch® PT-Editor 5.0, Transfer Manager 2.1, Transfer Express, Library 2.1
Database file compatibility	*.csv, *.txt, *.mdb, *.xls and Microsoft SQL Server	
Interface	USB (1.1 or 2.0), Serial (RS-232C)	USB (1.1 or 2.0), Serial (RS-232C), Ethernet (10/100 Base–TX)
Operating System	Windows® 2000 Professional/XP, Windows Vista®, Windows 7	Windows® 2000 Professional/XP/7, Windows Vista®, Windows 7, Windows Server® 2003/2008
Carton Contents	Printer, Power Cord, USB Cable, CD, RD Starter Roll - Continuous Length Label (2m or 6.56 ft.), RD Starter Roll - 2" x 1" Labels (60 labels), User Guide	
Power Supply	120VAC 60 Hz 1.8A	
EnergyStar	Yes	
Warranty	1 Year Limited Warranty	

Ask us about our other products

Mobile Printers and Scanners

Brother PocketJet® 3 Plus
Portable mobile printer with optional Bluetooth®

Brother MPrint™ MW-260
Ultra-portable, small-format mobile printer

Brother DSmobile® 600
Light-weight, mobile color scanner

Desktop Barcode and Label Printers

PT-9700PC
Thermal transfer printer for harsh environment laminated labeling

PT-9800PCN
Thermal transfer printer with built-in networking for harsh environment laminated labeling

**For more information, call 1-800-543-6144,
or visit www.brothermobilesolutions.com**

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