



GIVE YOUR RETAIL CUSTOMERS A TRULY PERSONAL EXPERIENCE

Every great brand thrives on a close relationship with its customers. But experiential, hospitality, sports, and retail businesses are in a unique position to deliver something truly special these days — a personal touch. Now, with the Brother PR680W, that personal touch can take the form of personalized embroidery for your merchandise.

Get Started Right Out of The Box with Built-In Designs and Fonts

No extra software purchase required to get started. The PR680W design library includes 100 embroidery designs, 18 monogramming font styles, 50 lettering fonts, 50 utility stitch designs, and 10 buttonhole styles in three sizes.

Be Up and Running in No Time

Industry-leading design and 24 built-in tutorial videos, with everything from basic operations to embroidery functions, will help staff learn basic usage in as little as 90 minutes.

Versatility and Efficiency

Increase your productivity with 6 needles and stitch designs up to 6 colors without changing thread. With the 6-needle automatic needle threading, thread each needle in seconds - with just the touch of a button!

Fast Embroidery for Fast Service

Embroider up to 1,000 stitches per minute in just seven seconds flat with industry leading high-speed acceleration.

A Range of Design Possibilities

A wide variety of included and optional embroidery frames gives you the versatility to embroider almost any product.

Get The Big Picture

A class-leading, 10.1" crisp, high-definition color LCD display makes for an intuitive, easy-to-learn system.

Become a Design Pro With Intuitive Editing Features

Elevate your embroidery with best in class editing features. Change the style and size of fonts and lettering, and align text left, center or right. Easily group letters to move all at once, combine designs and edit them as one, or separate design elements and edit pieces individually.

Real-time Status Updates Keep Things Moving

Follow the progress of your projects in real time via the My Stitch Monitor mobile app¹. Get alerts when it's time to change threads or when your embroidery is finished. When connected to your wireless network, you can send designs wirelessly from your PC to the PR680W with Design Database Transfer.

Big Potential. Small Footprint.

With the compact design of the PR680W, adding a new capability doesn't mean losing floor space.



Ready to talk?

Brother Sales Consultants are ready to help you make the most of this opportunity — fast. Let's talk today about using Brother on-site, personalized embroidery services to win customers and build your business.

Basic Features

LCD Display Size Inches	Diagonal 10.1"
Display (Number of Colors)	16,777,216
Stitch Select	•
Screensaver	•
Opening Screen	•
On-Screen Help	•
Built-in Tutorial Videos	24
Built-in Languages	•
On-Screen Editing	•
Lighting	4 Built-in LEDs
Thread Tension	Manual
6-Needle Threading System	Automatic
Individual Needle Attribute Setting	Maximum Speed / Color Anchor / Needle Threader
Thread Sensor	Upper and Lower
Thread Sensor On / Off	•
Automatic Thread Cutter	•
Short Stitch Deletion Setting	•
Thread Tail Length Setting	•
Thread Wiper	•
Jump Stitch Thread Trimming	•
Thread Trim Setting Key	•
Quick-Set Bobbin	Vertical
Full USB	2
Computer Connectivity	•
WLAN Enabled	•
Design Database Transfer	•
Wireless LINK Function	• (Up to 10 Machines)
Media Type USB	2 USB Slot (No SD Card Compatibility)
Embroidery Droplight Laser	•
Precision Accuracy Positioning	•

Embroidery Features

Maximum Embroidery Area (X x Y) Inches	12" x 8"
Maximum Embroidery Speed (Stitches Per Minute)	Up to 1,000 spm
Sewing Speed for Frames	400 - 1,000 spm
Sewing Speed for Caps	400 - 600 spm
Free Arm Embroidery	•
Standard Included Frames	4 (8" x 12", 5" x 7", 4" x 4", 1.5" x 2")
Built-in Embroidery Designs	100
Built-in Embroidery Letting Fonts	50
Built-in Monogram Designs	18
Built-in Utility Embroidery Designs	50
Built-in Buttonhole Styles	10 Styles in 3 Sizes
Built-in Frame Designs	140 (10 Shapes x 14 Stitch Patterns)
Built-in Decorative Alphabets	12
Resume Function	•
Built-in Border Function and Designs	•
Automatic Color Sorting on Border Function	•
Color Sort Feature	•
Color Shuffling 2 Function	•
Color Grouping Feature	•
Intuitive Color Management to Deselect Color Sections	•
Pause Setting	•
Appliqué Creator Function	•
Create Multiple Appliqués in one Hoop	•
Insert Letter at Midpoint of Text Line	•
Input Second Line of Text	•
Align Left, Center, Right	•
Grouping After Line Break	•
Edit Single Letter	•
Edit Full Line of Text	•
Divide Line of Text	•
Combine Lines of Text	•
3 Thumbnail Sizes (L-M-S)	•
Advanced Multiple Design Selection	•
Grouping of Letters and Designs	•
Start / Finish Point Setting Area	•
Manual Color Sequence	•
Temporary Needle Bar Setting	•
Advanced Multiple Pattern Selection	•
Space Reduction Among Embroidery Alphabets	•
Pattern Rotating	0.1, 1, 10, or 90 Degrees
Drag and Drop Editing	•
On-Screen Automatic Density Adjustment	•
Zoom Function	Up to 200% in Edit Mode
Basting Stitch Before Embroidery	•
Smart Stitch Management Entry	Forward or Backward up to 1,000 Stitches / Direct Key
Preview Designs Before Stitching	•
Stitch Simulator	•
Short Cut Key	•
Echo Quilt	•
Security Lock: Administrator and Operator Locks	•
Key Optimization	•
Thread Tension Range Expansion	•
Wireless Software Download	•

KEY: • Feature Included — Feature Not Included

PR680W 6-NEEDLE EMBROIDERY

Included Accessories

- 8" x 12" Frame
- 5" x 7" Frame
- 4" x 4" Frame
- 1.5" x 2" Frame
- Needle Sets
- Pre-Wound Bobbins
- Scissors
- Tweezers
- Screwdrivers
- Touch Pen
- Spool Mats, Nets and Caps
- USB Cable
- Embroidery Sheet Grids
- Operation Manual
- Quick Reference Guide

Recommended Optional Accessories*

- PE-DESIGN 11 (PEDESIGN11)
- BES4 Dream Edition Software (SABESLET4)
- Universal Cap Frame Set (PRCF5)
- PR 6-Needle Playbook (SAPR6BOOK)
- PR-Series Machine Stand (PRNSTD2)
- Wide Table (PRWT1)
- Flash Magnetic Frame System 4" x 4" Frame & Driver (PRVMFMKIT)
- Flash Magnetic Frame System 5" x 7" Frame & Driver (PRVMFLKIT)
- Tubular Frame Table (PRTT1)
- Magnetic Sash Frame for PR (PRMS360)
- BEST 100 Thread Kit - Includes 100 High Shine, Mini-King Spools (ETPBEST100)
- Pacesetter Lightweight Water Soluble Stabilizer Roll 15" x 25 yd. (SA540)
- Additional Optional Accessories Available for Purchase

Machine Specifications

UPC: 012502664833

Weight: 83.77 lbs.

Footprint: 23.11" L x 20.24" W x 23.19" H



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 at your side

*Additional Download required. Compatibility may vary by device and operating system. Requires connection to a wireless network.

*Additional purchase required. All specifications subject to change without prior notice. Images are for illustrative purposes only. ©2022 Brother International Corporation.