



Smart Sewing Machine Pre-Purchase Checklist

Part 1: Studio Network & Infrastructure Audit

- **Signal Strength Test:** Checked the Wi-Fi signal in the exact corner where the machine will be placed (must load a high-res image on a phone instantly).
- **Router Compatibility:** Verified that the studio router broadcasts a 2.4GHz band (or the machine explicitly supports Dual-Band/Wi-Fi 6).
- **ISP Reliability:** Documented alternative backup options in case of local internet outages.

Part 2: Hardware & Connectivity Evaluation

- **Physical Backup:** Confirmed the machine features at least one physical USB port or direct Bluetooth transfer method.
- **Hoop Constraints:** Verified the maximum digital file size matches the physical hoop limitations of the selected unit.
- **Machine SPM:** Checked the maximum Stitches Per Minute (SPM) to ensure it meets commercial production volume needs.

Part 3: Software Ecosystem & Longevity

- **Free Trial Test:** Downloaded and tested the trial version of the manufacturer's proprietary transfer software on the primary studio computer (Mac/PC).
- **Mobile App Audit:** Checked recent App Store/Google Play reviews for the companion app to identify syncing issues or crash reports.
- **OTA Capability:** Confirmed the system supports Over-The-Air (OTA) firmware updates.
- **Vector Support:** Verified if the software supports auto-digitizing capabilities for SVG files.

Part 4: ROI & Hidden Costs Calculation



- **Subscription Fees:** Identified any mandatory monthly fees for cloud transfer portals or advanced digitizing tools (e.g., \$15-\$35/month).
- **Setup Time Savings:** Calculated estimated daily hours saved by eliminating manual USB transfers.
- **Break-Even Point:** Divided the total equipment cost by the monthly labor savings to determine the exact ROI timeline.