

State of Michigan Black and White Printer Comparison Guide

As of 11/15/2016

There are six (6) black and white printers available for order through iTRAC. The Ricoh SP 4510DN (PR02), the Ricoh SP 3610SF (PR07), the Ricoh SP 3600DN (PR08), the Ricoh Aficio SP 8300DN (PR12), the Ricoh SP 5310DN (PR13), and the Ricoh SP 6430DN (PR23).



NOTE: Numbers listed in this document (PRXX) are ITRAC numbers.

How to decide which printer is best for you

The decision will be based primarily on personal preference, but these facts may help you decide on the device that is the best fit for you:

- If you are looking for a smaller, lighter weight printer, the SP 3600DN may be right for you.
- If you need a printer than can also scan and copy, the SP 3610SF is a good choice.
- If you need an office sized printer, the SP 8300DN is a real workhorse.

Details on each model

Ricoh SP 3600DN (PR08) –

This printer is classified as a medium volume printer. It can print up to 31 pages per minute with the first page available after 6.5 seconds. The SP 3600DN requires either an Ethernet or USB 2.0 connection. **These cables are not included.**

Technical Specifications

- Print speed - Up to 31 ppm
- 256 MB RAM
- First page out time – 6.5 seconds
- Recommended Monthly Volume – 6,000 impressions
- Resolution – 1200 x 1200 dpi



- Max paper size – 8.5” x 14”
 - Interface – Ethernet and USB 2.0
 - Weight – 31.9 lbs.
 - Dimensions – 10.55” x 14.6” x 15.4”
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Ricoh SP 3610SF (PR07) –

This printer is classified as a medium volume printer. It can print up to 31 pages per minute with the first page available after 6.5 seconds. This printer has scan, copy, and facsimile capabilities as well. The SP 3610SF requires either an Ethernet or USB 2.0 connection. **These cables are not included.**

Technical Specifications

- Print speed - Up to 31 ppm
- 512 MB RAM
- First page out time – 6.5 seconds
- Recommended Monthly Volume – 6,000 impressions
- Resolution – 1200 x 1200 dpi when printing, 600 x 600 dpi when copying or scanning
- Document feeder capacity – 35 sheets
- Max paper size – 8.5” x 14”
- Interface – Ethernet and USB 2.0
- Weight – 41.89 lbs.
- Dimensions – 16” x 15.8” x 15.4”



Ricoh SP 4510DN (PR02)

This printer is classified as a high volume printer. It can print up to 42 pages per minute with the first page available after 5 seconds. The SP 4510DN requires either an Ethernet or USB 2.0 connection. **These cables are not included.**

Technical Specifications

- Print speed - Up to 42 ppm
- 512 MB RAM
- First page out time – 5 seconds
- Recommended Monthly Volume – 10,000 impressions
- Resolution – 1200 x 1200 dpi

- Max paper size – 8.5” x 14”
- Interface – Ethernet and USB 2.0
- Weight – 34.2 lbs.
- Dimensions – 12” x 14.6” x 15.4”



Ricoh SP 5310DN (PR13)

This printer is classified as a production network printer. It can print up to 62 pages per minute with the first page available after 6 seconds. The SP 5310DN requires either an Ethernet or USB 2.0 connection. **These cables are not included.**

Technical Specifications

- Print speed - Up to 62 ppm
- 2 GB RAM
- First page out time – 6 seconds
- Recommended Monthly Volume – 16,600 impressions
- Resolution – 1200 x 1200 dpi
- Max paper size – 8.5” x 14”
- Interface – Ethernet and USB 2.0
- Weight – 39.6 lbs.
- Dimensions – 13.58” x 16.54” x 16.14”



Ricoh SP 6430DN (PR23)

This printer is classified as a medium to high volume printer. It can print up to 38 pages per minute with the first page available after 6.5 seconds. The SP 6430DN requires either an Ethernet or USB 2.0 connection. **These cables are not included.**

Technical Specifications

- Print speed - Up to 38 ppm
- 512 MB RAM
- First page out time – 6.5 seconds
- Recommended Monthly Volume – 20,000 impressions

- Resolution – 1200 x 1200 dpi
- Max paper size – 11.7" x 17"
- Interface – Ethernet and USB 2.0
- Weight – 46.3 lbs.
- Dimensions – 13.7" x 18.1" x 15.4"



Ricoh Aficio SP 8300DN

This printer is classified as an enterprise network printer. It can print up to 50 pages per minute with the first page available after 3.5 seconds. The SP 8300DN requires either an Ethernet or USB 2.0 connection. **These cables are not included.**

Technical Specifications

- Print speed - Up to 50 ppm
- 512 MB RAM
- First page out time – 3.5 seconds
- Recommended Monthly Volume – 12,000 to 53,000 impressions
- Resolution – 600 x 600 dpi
- Max paper size – 11.7" x 17"
- Interface – Ethernet and USB 2.0
- Weight – 160.9 lbs.
- Dimensions – 25.2" x 26.3" x 26.9"



Comparison

| Feature | SP 3600DN (PR08) | SP 3610SF (PR07) | SP 4510DN (PR02) | SP 5310DN (PR13) | SP 6430DN (PR23) | SP 8300DN (PR12) |
|---------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| PPM | 31 | 31 | 42 | 62 | 38 | 50 |
| Max Paper Size | 8.5" x 14" | 8.5" x 14" | 8.5" x 14" | 8.5" x 14" | 11.7" x 17" | 11.7" x 17" |
| Memory | 256MB | 512 MB | 512MB | 2GB | 512MB | 512MB |
| First page out time | 6.5 sec | 6.5 sec | 5 sec | 6 sec | 6.5 sec | 3.5 |
| Monthly Max Volume | 6,000 pgs | 6,000 pgs | 10,000 pgs | 16,600 pgs | 20,000 pgs | Up to 53,000 pgs |
| Copy/Scan | No | Yes | No | No | No | No |