

What You Should Know

Hands-On Test Report

Panasonic KX-MB3020



WHAT IT IS – Panasonic System Networks Company of America's KX-MB3020 is an A4 desktop multifunctional peripheral (MFP) that incorporates monochrome network print, copy, Super Group 3 walkup, PC fax, and color scan, and utilizes laser-imaging technology. Along with its rated print speed of up to 35 ppm, these capabilities make the system very suitable for use in small and mid-size offices and workgroups (SMB).

What sets the KX-MB3020 apart from much of its competition (the under-\$500 MFP category) are features that are often optional on competitive systems. These include:

- Standard Ethernet networking (10Base-T/100Base-TX network interface).
- Standard automatic duplexing.
- Rated print speed of up to 35 ppm (at up to 2,400 x 1,200 dpi enhanced resolution). In contrast, competitors in this segment are often rated up to 10 ppm slower.
- Standard paper capacity of 520 sheets, and maximum paper capacity of 1,040 sheets. Maximum paper capacity among competitors in this segment is usually significantly less.

The KX-MB3020 also serves as a communications center, as users can send and receive documents via color scanning, Super Group 3 walkup fax, and PC fax.

IMAGE QUALITY - The KX-MB3020 is a monochrome desktop MFP that prints and copies in black-and-white.

STRENGTHS

- In general, the KX-MB3020 produced image quality that is suitable for the vast majority of office-imaging applications.

Outstanding
Performance in Hands-On Testing



Panasonic KX-MB3020

Imaging Technology: Electro-photographic, Laser

Functions: Print/Copy/Scan/Fax

Print Speed: 35 PPM

Suggested Retail Price: \$499.00

Availability: Retail

Introduction Date: August 2009

Imaging Technology: Electrophotographic, laser

Maximum Print Resolution: 2,400 x 1,200 dpi

TESTED IMAGE QUALITY

In order to evaluate image quality, Wirth Consulting uses:

1. The highest image-quality settings.
2. ImageXpert™ Printer 600 dpi Target Version 5.1.
3. ImageXpert Test Target EP-PSv1.
4. Northlight Images UK Grayscale Linearization Test Chart.
5. Synthetic (photographic) test images derived from ISO Internal Standard 12640 Graphic Technology (Prepress Digital-Data Exchange – CYMK Standard Color Image Data [CYMK/SCID]).
6. Hammermill 100/112+ Euro Bright, 28 lb. Color Copy Paper.



Image-quality originals used by Wirth Consulting when evaluating a device's image quality.