

competitive comparison

QMS magicolor 3300 Color Laser Printer – First Report

Phaser® 6250 advantages over the QMS 3300

Feature

- 56% faster processor
- Faster first-page-out time
- Superior software
- 2400 dpi
- True Adobe® PostScript® 3™
- Higher duty cycle

Benefit

- Faster printing and greater productivity
- Faster printing on typical office print jobs
- Easier to use means greater productivity
- Superior print quality
- Most accurate page rendering and quality
- Better workgroup reliability



Great value

- The QMS base configuration includes Ethernet and is priced at \$1,999, compared to \$2,299 for the Phaser 6250N with Ethernet. The Phaser 6250N's advantages are worth far more than \$300.

Faster

- 56% faster processor speed for faster rendering of multiple page and complex jobs
- 16% faster first-page-out time for faster printing of typical office print jobs

Easier to use

- Printing Scout on-screen printing alerts, PhaserSMART® virtual help desk, and CentreWare® IS for printer configuration and monitoring make the Phaser 6250 easier to use for everybody in the office every day

Better print quality

- 2400 dpi versus 1200 dpi for the QMS
- True Adobe PostScript 3 for the most accurate printing and compatibility versus a PostScript clone for QMS
- TekColor and Automatic Correction integrated with Xerox imaging expertise create superb accuracy and print quality

Print engine expertise

- The Phaser 6250 and QMS 3300 have the same print engine provided by Fuji Xerox. Xerox capitalizes on the close relationship with Fuji to ensure that Xerox branded versions deliver additional value. Xerox rigorously tested the Phaser 6250's Fuji Xerox engine to ensure the best print quality, reliability, and value for our customers.

“Setup is quick and easy, network management tools are excellent, and the emphasis is on output quality.”

PC Magazine Editor's Choice Award for the Phaser 6200, predecessor to the Phaser 6250
September 3, 2002

SALES ALERT: Cost Per Print

The QMS 3300's cost per print is **lower** than the Phaser 6250's. QMS did not use the industry standard to calculate their advertised CPP, which makes their cost appear high. Consequently, we recommend not using cost per print as a selling point against the QMS 3300.

What is QMS's PRISMLASER Technology?

From the QMS 3300 brochure:

“A tandem, single-pass engine powered by PRISMLASER Technology gives the magicolor 3300 its quick, reliable performance.”

PRISMLASER appears to be QMS's marketing term for the single-pass color printing process. Because QMS buys the engine from Fuji Xerox, we know it is not powered by any QMS technology to improve its speed or reliability.

(see over)



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Phaser 6250 and QMS 3300 Comparison (Phaser advantages)

	Phaser 6250	QMS 3300
Print technology	Single-pass color laser	Single-pass color laser
Speed	26 pages per minute	26 pages per minute
First page out time	< 12 seconds	14 seconds
Processor	700 MHz	450 MHz
Resolution	2400 dpi	1200 dpi
Media types	Plain paper, thick stock, glossy stock, OHP transparencies, photo paper , laser-quality labels, and envelopes	Plain paper, thick stock, glossy stock, OHP transparencies, laser-quality labels, and envelopes
Media weight		
Main trays	17 to 32 lb. bond (64 to 130 gsm)	16 to 24 lb. bond (60 to 90 gsm)
Multipurpose tray	Up to 80 lb. cover (60 to 216 gsm)	Up to 80 lb. cover (60 to 216 gsm)
Page description languages	True Adobe PostScript 3, PCL 5C	Emulations: PostScript 3, PCL6, HP-GL, PDF, Line printer
Toner cartridge capacity (5% coverage)	8,000 pages (CMYK)	6,500 pages (CMY), 9,000 pages (K)
Monthly duty cycle	100,000 pages	60,000 pages
Printer management software	CentreWare IS, Printing Scout, PhaserSMART	Limited
Paper input		
Trays, standard	2 (500-sheet feeder, 100-sheet MPT)	2 (500-sheet cassette, 100-sheet MPT)
Trays, maximum	4	4
Media capacity, standard	600 sheets	600 sheets
Media capacity, maximum	1,600 sheets	1,600 sheets
Paper output capacity	250 sheets	250 sheets face down
Media sizes		
Standard tray	Letter, A4, Legal, Exec., A5, B5, Folio	Letter, A4, Legal, Exec., A5, B5, Folio
MPT	Letter, A4, Legal, Exec., A5, B5, Folio, Kai 16, Kai 32, Postcard, custom sizes (3.5x8.5 to 5.5x35.4), Monarch, Com 10, DL, C5, C6, B5	Letter, A4, Legal, Exec., A5, B5, Folio, Kai 16, Kai 32, Postcard, custom sizes (3.5x8.5 to 5.5x35.4), Monarch, Com 10, DL, C5, C6, B5, Chou 3, Chou 4 envelopes
Memory		
Standard / Maximum	128 MB / 512 MB	256 MB / 512 MB
Interfaces		
Standard	USB 2.0, Parallel	USB 1.1, Parallel, Ethernet 10/100BaseTX
Optional	10/100Base-TX Ethernet	Token-Ring, Bluetooth wireless and 802.11b wireless via 3 rd party solutions
Warranty	1 year on-site + option to extend (includes Xerox Total Satisfaction Guarantee)	1 year onsite

