EPSON

EXCEED YOUR VISION

WorkForce 320

Print l Copy l Scan l Fax

Engineered for Business.

EPSON

Features and Benefits

- Up to 34ppm print speed

- 4 Individual Ink Cartridges — only replace the colour you use

- High Capacity cartridges available for large print volumes

- Epson DURABrite® Ultra Resin Coated Pigment Ink for water, smudge & fade resistant prints

- Advanced document management with integrated fax & Automatic Document Feeder

Printer

PRINTER TYPE	
Epson WorkForce 320	C11CA79401
PRINTING METHOD	On-demand Inkjet (piezoelectric)
NOZZLE CONFIGURATION	90 nozzles Black, 29 nozzles, each colour (Cyan, Magenta, Yellow)
MINIMUM INK DROPLET VOLUME	4 Picolitres
RESOLUTION	
	5760 Optimised dpi using Resolution Performance Management (RPM) Technology
PRINT SPEED	
BLACK TEXT (MEMO) A4 (Draft)^	34ppm*
COLOUR TEXT (MEMO) A4 (Draft)^	15ppm*
BLACK TEXT A4	(Normal) 4.3ipm (ISO24734)
COLOUR TEXTA4	(Normal) 2.2ipm (ISO24734)
Photo 4" x 6" (10 x 15cm) (Draft)^	Approx. 72 sec *+

Print Speed Data Printout Patterns The thumbnail images below show the printout patterns used to determine print speed specifications.

*"Second" rating refers to the time taken to print one page. The computer environment we test under is as follows: CPU: Pentium 4, 2.4GHz; RAM: 512MB; OS: Windows XP professional; Interface/Connectivity: USB2.0 HighSpeed; SOFTWARE: Word XP/PhotoShop7.0; PAPER: Epson Premium Glossy Photo Paper or Plain Paper

+ When printed on Epson Premium Glossy Photo Paper

PAPER HANDLING	
PAPER SIZES	A4, Letter, Legal, 8x10", 5x7", 4x6", 3.5x5", 5x8", A6, A5, B5, Envelopes: No10, DL, C6
PAPER HOLD CAPACITY	Input capacity: 120 sheets, A4 Plain paper (64g/m2)

*True BorderFree™ printing is available for the following media sizes: 4" x 6", 5" x 7" and A4.

Media types recommended : Premium Glossy Photo paper A4, 4" x 6" and 5" x 7", Matte Paper - Heavyweight.

BorderFree prints are media dependent.

Scanner

SCANNER TYPE	A4 Flatbed colour image scanner
SENSOR TYPE	CIS
DOCUMENT SIZE	Up to A4
PIXEL DEPTH	Input 48bits (16bits/colour) / output 24bits (8bits/colour)
SCANNING RESOLUTION	1200 x 2400 dpi
MONO SCAN SPEED	A4 1200dpi 8.8msec/line
COLOUR SCAN SPEED	A4 1200dpi 25.4msec/line

Copy Function

COPY SPEED	
Copy Speed Black Text Memo (A4)+	Approx. 32cpm (Draft)
Copy Speed Colour Text Memo (A4)+	Approx. 9cpm (Draft)

Fax

TRANSMISSION & RECEPTION	
TYPE	Colour and mono support
LINES	PSTN (general phone lines)
TRANSMISSION SPEED	Up to 33.6kbs (approx. 3 secs / page)
SPEED DIAL	Up to 60 Names & Numbers
MEMORY	Up to 180 pages (ITU-T No.1 chart)
FAX RESOLUTION	Standard (200x100), Fine (200x200), Photo (200x200 with error diffusion)
ERROR CORRECTION MODE	CCITU/ITU Group3 fax with Error Correction Mode
PC FAX	Yes
BROADCAST FAX	Yes (mono only)
GROUP DIAL	Yes
RING DETECTION	Yes-duet

AUTOMATIC DOCUMENT FEEDER FUNCTION	
MAXIMUM DOCUMENT SIZE	A4
PAPER TYPES SUPPORTED	Plain paper 75-95g/m2

PAPER CAPACITY	Up to 30 pages (Plain paper only)

General

OPERATING SYSTEMS	
PRINTER DRIVERS*	Windows® 7/7x64/Vista/Vista64/XP/XPx64, Mac® OS 10.4.11 or later with USB*

* Drivers if available are downloadable from Tech Epson

ELECTRICAL SPECIFICATIONS	
RATED VOLTAGE	AC 220 ~ 240V
RATED FREQUENCY	50 ~ 60Hz
POWER CONSUMPTION	Approx. 10W Standalone copying (ISO10561 Letter Pattern) Approx 2.2W (Sleep Mode)

NOISE LEVEL	
NOISE LEVEL #	5.3B (ISO779 Pattern with PGPP /Photo RPM mode) 38dB(A) (ISO9296)

According to ISO7779 Pattern with Premium Glossy Photo Paper / Photo RPM mode.

INTERFACES	
CONNECTIVITY	USB — Compatible with the USB 2.0 Specification (cable included)
LCD SCREEN	Line Display

PRINTER SOFTWARE (AVAILABLE ON CD-ROM ONLY)	
SOFTWARE TOOLS	Epson Easy Photo Print Epson Web-To-Page Online Guide PC Fax

WARRANTY	
	12 months return to base Standard Optional Additional 2 Year Warranty 2YW320 Epson Warranty
PRODUCT DIMENSIONS	460mm (W) x 411mm (D) x 235mm (H)
WEIGHT	7.1kg

LIGHTFASTNESS	
LIGHTFASTNESS#	120 years on Epson Matte Paper - Heavyweight

LIGHTFASTNESS TEST CRITERIA (INDOOR DISPLAY CONDITIONS)	
Light source	Fluorescent light
Intensity	70k lux
Temperature	24°C
Humidity	60% RH
Glass Mount	2mm, soda lime
Fade Criteria	Pure YMC 30% loss at OD=1
Display Life Calculation	Total illuminance/(500 lux x 10 hours x 365 days = 1 year)

Tests developed and conducted by Epson under fluorescent light (indoor display condition) with glass mount. The data is calculated by Epson's accelerated test of prints on specialty media.

Data is calculated using accelerated simulation of fading under indoor preservation conditions including fluorescent light indoor display. Temperature, humidity and some atmospheric gases may also affect the rate of fading. The estimated lightfastness period does not indicate the colour changing or the durability of the paper itself. Epson recommends that your prints be stored in a photo album (or plastic photo storage box) in acid free, archival sleeves commonly available from most camera shops.

INK CARTRIDGES	
STANDARD INK CARTRIDGES	133 Black, 133 Cyan, 133 Magenta, 133 Yellow
HIGH CAPACITY INK CARTRIDGES	138 Black, 138 Cyan, 138 Magenta, 138 Yellow
STANDARD INK CARTRIDGE YIELDS^^	Approx. Black 230 pages, Colour Composite 305 pages
HIGH CAPACITY INK CARTRIDGE YIELDS^^	Approx. Black 380 pages, Colour Composite 420 pages

^ Print speed (PPM) when printed on A4 plain paper in the fastest mode. 10x15cm photo print speed when printed on Epson Premium Glossy Photo Paper borderless in draft mode. Print speed may vary depending on system configuration, print mode, document complexity, software, type of paper used and connectivity. Print speed does not include processing time on host computer.

+ Copy speed when printed on plain paper in the fastest mode. Copy speed may vary depending on copy mode, document complexity, type of paper used and number of copies.

^^ According to ISO/IEC24711 and 24712 test suite. **Click here for details on ISO testing. (PDF)**

† Maximum pages per minute (PPM) are measured after first page with text patterns in Draft Mode on plain paper. ISO ppm is based on ISO/IEC 24734. Black and colour print speeds are determined in default, single-side mode, in accordance with ISO/IEC 24734. Actual print times will vary based on system configuration, software, and page complexity. See www.epson.com.au/printspeed for details, including complete ISO reports.

*Some applications and/or functions, like two-sided printing, may not be supported by Mac®

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www.epson.com.au/company/environment

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Epson Australia, Inc.
3 Talavera Rd,
North Ryde, NSW, 2113

www.epson.com.au
www.epson.co.nz

DURABrite Ultra