

ISO/IEC 24734 Printing Productivity Report: Office Category
 FDIS ISO/IEC 29183 Copying Productivity Report

Full Detailed Test Reports
 HP Photosmart 5510 e-All-in-One Printer B111e

Printing device and test settings

| | |
|--------------------------|---|
| Test Start Date and Time | 6/6/2011 8:30am 6/6/2011 8:30am |
| Tester | SAFIAH |
| Machine product number | B111e |
| Machine name/model | HP Photosmart 5510 e-All-in-One Printer |
| FW Version | EPL2CN114AR |
| Colour or B&W | Color |
| Temperature and humidity | 24 degrees C, 60% |
| Voltage | 240 volts AC |
| Test End Date and Time | 10/6/ 2011 3:00pm 10/6/ 2011 3:00pm |

| Modes and Settings | Item | Value |
|--------------------|-------------------------|--|
| Modes and Settings | Driver version | PSS510_1244 |
| | Media / Quality Setting | Default / Default |
| | Simplex B&W settings | Driver was set to "print in grayscale, black ink only" |
| | Duplex B&W settings | N.A. |
| Paper Path | Setting N set count | Application |
| | Collating function | NO |
| | Paper sending direction | Default |
| | Paper size setting | Default |
| Paper | Paper feeding | Standard cassette |
| | Paper tray | Standard exit tray |
| | Output orientation | Default (face up) |
| | Duplexing ADF Unit | NO |
| Paper | Duplexing Print Unit | NO |
| | Paper Manufacture | HP |
| | Weight | 22lb |
| | Size | 8.5 x 11" |
| Paper type/name | | HP All-in-One Colorok |

Summary Reports

| ISO/IEC 24734 | | FSOT (seconds) | ESAT (ipm) |
|---------------|--------------|----------------|------------|
| Color | Single Sided | 41 | 7.5 |
| | Two Sided | N/A | N/A |
| B&W | Single Sided | 38 | 8 |
| | Two Sided | N/A | N/A |

Notes: 1) ipm = Images Per Minute and is equivalent to ppm or Pages Per Minute
 2) For Simplex B&W results, Driver was set to "print in grayscale, black ink only"
 3) For Duplex B&W results, N.A.

| FDIS ISO/IEC 29183 | | FCOT (seconds) | sESAT (ipm) |
|--------------------|-----|----------------|-------------|
| Color | | 19 | 5.5 |
| | B&W | 15 | 6 |

Notes: 1) ipm = Images Per Minute and is equivalent to ppm or Pages Per Minute
 2) Copy speed is limited to a maximum of 4.5 ppm for Belgium

Full Reports

| ISO/IEC 24734 | Office Category | FSOT (sec) | EFTP (ipm) | | | sESAT (ipm) | |
|----------------|-----------------|----------------|------------|-------------------|------------------|-------------|-------|
| | | | 1 Set | 1 Set+ 30 seconds | 1 Set+ 4 Minutes | | |
| Color | Single Sided | PDF (# sets) | 44.05 | 5.44 | 6.00 | 6.57 | 6.52 |
| | | Word (# sets) | 29.56 | 8.12 | 10.22 | 2 | 11.31 |
| | | Excel (# sets) | 47.04 | 5.10 | 5.69 | 2 | 6.23 |
| | Average | 41 | 6 | 7 | 2 | 7.5 | |
| | Two Sided | PDF (# sets) | N/A | N/A | N/A | | N/A |
| | | Word (# sets) | N/A | N/A | N/A | | N/A |
| Excel (# sets) | | N/A | N/A | N/A | | N/A | |
| Average | N/A | N/A | N/A | | N/A | | |
| B&W | Single Sided | PDF (# sets) | 41.69 | 5.75 | 6.70 | 7.10 | 7.18 |
| | | Word (# sets) | 28.91 | 8.30 | 10.34 | 3 | 11.42 |
| | | Excel (# sets) | 42.96 | 5.58 | 6.49 | 3 | 6.99 |
| | Average | 38 | 6 | 7 | 3 | 8 | |
| | Two Sided | PDF (# sets) | N/A | N/A | N/A | | N/A |
| | | Word (# sets) | N/A | N/A | N/A | | N/A |
| Excel (# sets) | | N/A | N/A | N/A | | N/A | |
| Average | N/A | N/A | N/A | | N/A | | |

Notes: 1) ipm = Images Per Minute and is equivalent to ppm or Pages Per Minute
 2) For Simplex B&W results, Driver was set to "print in grayscale, black ink only"
 3) For Duplex B&W results, N.A.

| FDIS ISO/IEC 29183 | | FCOT (sec) | sEFTP (ipm) | | | sESAT (ipm) |
|--------------------|-------------------|------------|-------------|---------------------|--------------------|-------------|
| | | | 1 Copy | 1 Copy + 30 seconds | 1 Copy + 4 Minutes | |
| Color | Page 1 (# copies) | 18.14 | 3.30 | 4.63 | 5.28 | 5.36 |
| | Page 2 (# copies) | 17.62 | 3.40 | 6.98 | 4 | 9.01 |
| | Page 3 (# copies) | 17.66 | 3.40 | 5.29 | 6 | 6.23 |
| | Page 4 (# copies) | 19.12 | 3.13 | 2.98 | 5 | 2.93 |
| | Average | 19 | 3 | 4 | 5 | 5.5 |
| | Page 1 (# copies) | 15.17 | 3.95 | 5.42 | 5.78 | 5.94 |
| Black | Page 2 (# copies) | 11.72 | 5.11 | 8.55 | 7 | 9.48 |
| | Page 3 (# copies) | 13.28 | 4.52 | 6.40 | 5 | 7.04 |
| | Page 4 (# copies) | 17.03 | 3.52 | 4.62 | 5 | 4.99 |
| | Average | 15 | 4 | 6 | 5 | 6 |

Notes: 1) ipm = Images Per Minute and is equivalent to ppm or Pages Per Minute
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Test system parameters

| | Item | Value |
|-------------|-------------------------|--|
| Test System | Computer | HP dv9812us Notebook PC |
| | Processor | AMD Turion TL-60 2.0 GHz, 1 MB L2 cache |
| | System Chip Set | Northernbridge/Southbridge: nVidia MCP67M |
| | System Board | Standard system devices, default system BIOS |
| | System Memory | 3GB PC2-5300 DDR2 SDRAM |
| | Hard Drive subsystem | Western Digital WD2500BEVS 250 GB |
| | Video subsystem | NVIDIA GeForce 7150M |
| | Optical Drive | Panasonic/Hewlett-Packard, DVD+RW and CD-RW |
| | IO subsystem | Built in |
| | USB subsystem | USB 2.0 |
| I/O | USB | USB 2.0 |
| | Operating System | Microsoft Windows Vista Home Premium SP1 |
| Software | Printing Applications | Microsoft Office Word 2007 |
| | | Microsoft Office Excel 2007 |
| | | Adobe Reader 8.1.0 |
| | Test Files and location | Office Category files, hard drive |