

ISO/IEC 24734 Printing Productivity Report: Office Category
 ISO/IEC 24735 Copying Productivity Report
 ISO/IEC 24735 Annex D Report
 Full Detailed Test Reports
 HP Photosmart All-in-One B210a

Printing device and test settings

| | |
|--------------------------|-------------------------------------|
| Test Start Date and Time | 14/08/2010 10:50 14/08/2010 10:50am |
| Tester | (Not set) |
| Machine product number | B210a |
| Machine name/model | HP Photosmart All-in-One |
| FW Version | 1.1A.FW01018AR |
| Colour or B&W | Colour |
| Temperature and humidity | 24 degrees C, 60% |
| Voltage | 240 volts AC |
| Test End Date and Time | 17/05/2010 10:40 17/05/2010 10:40am |

| | Item | Value |
|--------------------|-------------------------|--|
| Modes and Settings | Driver version | PSB210.B87 |
| | 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 | Collating function | On |
| | Paper sending direction | Default |
| | Paper size setting | Default |
| | Paper feeding | Standard cassettes |
| | Paper exit | Standard exit tray |
| | Output orientation | Default (face up) |
| Paper | Duplexing ADF Line | No |
| | Duplexing Print Line | No |
| | Paper Manufacturer | HP |
| | Weight | 22g |
| Size | | 5 x 11" |
| Paper type/name | | HP All-in-One Color Ink |

Summary Reports

| ISO/IEC 24734 | | FSOT (seconds) | ESAT (ppm) |
|---------------|--------------|----------------|------------|
| Color | Single Sided | 45 | 7.5 |
| | Two Sided | N/A | N/A |
| B&W | Single Sided | 42 | 8.4 |
| | Two Sided | N/A | N/A |

Notes: 1) ppm = 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.

| ISO/IEC 24735 Annex D | | FCOT (seconds) | Continuous Copy Speed (cpm) |
|-----------------------|--|----------------|-----------------------------|
| Color | | 28 | 8 |
| B&W | | 20 | 6 |

Notes: 1) cpm = Copies Per Minute and is equivalent to ppm or Pages Per Minute
 2) B&W results are limited to a maximum of 5 ppm for Belgium

| ISO/IEC 24735 | | FSOT (seconds) | ESAT (ppm) |
|---------------|-----|----------------|------------|
| Color | 1:1 | N/A | N/A |
| | 1:2 | N/A | N/A |
| | 2:2 | N/A | N/A |
| B&W | 1:1 | N/A | N/A |
| | 1:2 | N/A | N/A |
| | 2:2 | N/A | N/A |

Notes: 1) ppm = Images Per Minute and is equivalent to ppm or Pages Per Minute
 2) B&W results are limited to a maximum of 5 ppm for Belgium

Full Reports

| ISO/IEC 24734 | Office Category Test Files | FSOT (sec) | EFTP (ppm) | | | ESAT (ppm) | |
|----------------|----------------------------|----------------|------------|-------------------|------------------|------------|-------|
| | | | 1 Set | 1 Set+ 30 seconds | 1 Set+ 4 Minutes | | |
| Color | Single Sided | PDF (# sets) | 47.59 | 5.04 | 5.73 | 6.36 | 6.67 |
| | | Word (# sets) | 34.54 | 6.94 | 9.05 | 3 | 10.49 |
| | | Excel (# sets) | 50.48 | 4.75 | 5.40 | 2 | 6.27 |
| | Average | 45 | 5 | 6 | 6 | 7.5 | |
| | Two Sided | PDF (# sets) | N/A | N/A | N/A | N/A | N/A |
| | | Word (# sets) | N/A | N/A | N/A | N/A | N/A |
| Excel (# sets) | | N/A | N/A | N/A | N/A | N/A | |
| Average | N/A | N/A | N/A | N/A | N/A | | |
| B&W | Single Sided | PDF (# sets) | 44.24 | 5.42 | 6.31 | 7.30 | 7.45 |
| | | Word (# sets) | 34.33 | 6.99 | 9.37 | 3 | 10.97 |
| | | Excel (# sets) | 48.43 | 5.16 | 6.09 | 2 | 7.11 |
| | Average | 42 | 5 | 7 | 7 | 8.4 | |
| | Two Sided | PDF (# sets) | N/A | N/A | N/A | N/A | N/A |
| | | Word (# sets) | N/A | N/A | N/A | N/A | N/A |
| Excel (# sets) | | N/A | N/A | N/A | N/A | N/A | |
| Average | N/A | N/A | N/A | N/A | N/A | | |

Notes: 1) ppm = 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.

| ISO/IEC 24735 | Office Category Test Files | FSOT (sec) | EFTP (ppm) | | | ESAT (ppm) |
|---------------|----------------------------|------------|------------|-------------------|------------------|------------|
| | | | 1 Set | 1 Set+ 30 seconds | 1 Set+ 4 Minutes | |
| Color | 1:1 (# sets) | N/A | N/A | N/A | N/A | N/A |
| | 1:2 (# sets) | N/A | N/A | N/A | N/A | N/A |
| | 2:2 (# sets) | N/A | N/A | N/A | N/A | N/A |
| B&W | 1:1 (# sets) | N/A | N/A | N/A | N/A | N/A |
| | 1:2 (# sets) | N/A | N/A | N/A | N/A | N/A |
| | 2:2 (# sets) | N/A | N/A | N/A | N/A | N/A |

Notes: 1) ppm = Images Per Minute and is equivalent to ppm or Pages Per Minute
 2) B&W results are limited to a maximum of 5 ppm for Belgium

Test system parameters

| | Item | Value |
|-------------|-------------------------|---|
| Test System | Computer | HP dv8712us Notebook PC |
| | Processor | AMD Turion TL40 2.0 GHz, 1 MB L2 cache |
| | System Chip Set | Northbridge/Southbridge: nVidia MCP7M |
| | System Board | Standard system devices, default system BIOS |
| | System Memory | 3GB PC2-5300 DDR2 SDRAM |
| | Hard Drive subsystem | Western Digital WD2000BBJS 250 GB |
| | Video subsystem | nVidia GeForce 7150M |
| | Optical Drive | Panasonic/Hewlett-Packard, DVD+RW and CD-RW |
| | IO subsystem | Built |
| | USB subsystem | USB 2.0 |
| Software | Operating System | Microsoft Windows Vista Home Premium SP1 |
| | Printing Applications | Microsoft Office Word 2007 Microsoft Office Excel 2007 |
| | | Adobe Reader 8.1.0 |
| | Test Files and location | Office Category files, hard drive |
| | | |