## Test System Parameters

**Computer:** HP Compaq Elite 8300 Small Form Factor PC

**Processor:** Intel Core i7-3770 Quad Core (3.40 GHz, 8 MB cache)

**System Board:** Standard system devices, default system BIOS

**Video Subsystem:** AMD Radeon HD 6350

**USB Subsystem:** USB 2.0/3.0

**Optical Drive:** HP DVD A DH16aCSHR ATA

**I/O Subsystem:** Builtin

**HD Drive Subsystem:**

- **Hard Drive:**
  - Size: 1 TB Toshiba + 500 GB Seagate

**Software:**

- **Operating System:** Microsoft Windows 7 Professional 64-bit SP1

**System Memory:** 4 GB (1x4 GB) DDR3 1600 MHz

**Test Files and Location:** Office Category files, hard drive

**Printing Applications:** Microsoft Office Pro Plus

**Printer Connection:**
- **USB:** 0
- **Builtin:**

### FSOT (sec)

1 Copy + 4 Minutes

### FPOT (sec)

1 Set + 30

### From EFTP (ipm)

### FCOT

1 TB Toshiba + 500 GB Seagate

### ISO/IEC 29183

**Full Reports**

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

### ISO/IEC 17629

- First Page Out Time Report

### ISO/IEC 24734

- Full Detailed Test Reports
  - ISO/IEC 29183
  - Summary Reports

## Summary Reports

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<th>FDIS ISO/IEC 29183</th>
<th>EFTP (ipm)</th>
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## Full Reports

### ISO/IEC 29183

<table>
<thead>
<tr>
<th>Category</th>
<th>FDIS (sec)</th>
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### ISO/IEC 17629

<table>
<thead>
<tr>
<th>Category</th>
<th>FSOT (sec)</th>
<th>FPOT (sec)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

### Notes

1. ipm = Images Per Minute and is equivalent to ppm or Pages Per Minute.
2. For Simplex B&W results, Black Ink Only.
3. For Duplex B&W results, Black Ink Only.
4. Scale content for A4 for 8.5x11 paper sizes set to off for Word and Excel.

### Software

- **Operating System:** Microsoft Windows 7 Professional 64-bit SP1

### System Memory:** 4 GB (1x4 GB) DDR3 1600 MHz

### Paper Sending Direction:** Default

### Paper Type/Name:**
- HP Office

### Duplexing Setting:**
- Duplex B&W and Duplexing ADF Unit

### Output Orientation:** Face Down

### Collating Function:** Enabled

### Paper Size Setting:** Default

### Media/Quality Setting:**
- Plain/Normal

### System Board:** Standard system devices, default system BIOS

### Processor:**
- Intel Core i7-3770 Quad Core (3.40 GHz, 8 MB cache)

### Video Subsystem:**
- AMD Radeon HD 6350

### USB Subsystem:**
- USB 2.0/3.0

### Optical Drive:**
- HP DVD A DH16aCSHR ATA

### I/O Subsystem:** Builtin

### HD Drive Subsystem:**
- Size: 1 TB Toshiba + 500 GB Seagate

### Hard Drive:**
- Size: 1 TB Toshiba + 500 GB Seagate

### Software:**
- **Operating System:** Microsoft Windows 7 Professional 64-bit SP1

### System Memory:** 4 GB (1x4 GB) DDR3 1600 MHz

### Test Files and Location:** Office Category files, hard drive

### Printing Applications:**
- Microsoft Office Pro Plus

### Printer Connection:**
- **USB:** 0
- **Builtin:**

### Temperature and Humidity:** 73.2 23 RH

### Machine Product Number:** G1W41A

### Test Start Date and Time:** 02/04/16 10:15:39 AM

### Test End Date and Time:** 02/04/16 10:30:51 AM

### Machine Name/Model:** HP PageWide Enterprise Color Flow MFP 586z

### Notes:

- 1) ipm = Images Per Minute and is equivalent to ppm or Pages Per Minute.
- 2) For Simplex B&W results, Black Ink Only.
- 3) For Duplex B&W results, Black Ink Only.
- 4) Scale content for A4 for 8.5x11 paper sizes set to off for Word and Excel.

### Software:

- **Operating System:** Microsoft Windows 7 Professional 64-bit SP1
ISO/IEC 17629 First Print Out Time Report: Office Category

Full Detailed Test Report - LETTER

HP PageWide Enterprise Color Flow MFP 586z & Page Wide Managed MFP E58650z

Test Start Date and Time 3/10/2021 18:31
Tester RM

Machine name/model HP PageWide Enterprise Color Flow MFP 586z & Page Wide Managed MFP E58650z

Colour or B&W Colour

FW Version 2501124_004339

Configuration (options) Default
Controller Not Specified
Printing device page count Not Specified
Printing supplies page count Not Specified
Temperature and Humidity 73 degF / 23 degC  32.3 %rH
Voltage 110V

Test End Date and Time 3/12/2021 14:53

Item
Value

PDL and driver version 8.00.1324.6775
Print Quality mode default
B&W settings default
Paper feed orientation Short Edge
Paper type setting default
Paper feeding Standard cassette
Output orientation default (face up or face down)

ISO First Page Out Time Summary Report: Office Category

Summary Report: LETTER

Notes
1) All printing device and driver settings were default mode.
2) For the B/W results, the print driver was set to "print in B/W".
3) For more information see http://www.hp.com/go/printerclaims.
4) Port monitor not configured to follow device if the IP address changes.
5) Page counts were collected after completion of the tests.

<table>
<thead>
<tr>
<th>Item</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer</td>
<td>HP Z240 SFF Workstation</td>
</tr>
<tr>
<td>Processor</td>
<td>Intel Core i7 -6770, 3.4 GHz</td>
</tr>
<tr>
<td>System Chip Set</td>
<td>Intel SKL/KBL Mobile/Desktop</td>
</tr>
<tr>
<td>System Memory</td>
<td>8 GB</td>
</tr>
<tr>
<td>Hard Drive Subsystem</td>
<td>Turbo Drive G2 256GB PCIe SSD</td>
</tr>
<tr>
<td>Video Subsystem</td>
<td>Microsoft Basic Display Adaptor</td>
</tr>
<tr>
<td>Optical Drive</td>
<td>HP HLDS DVDRW GUD1N</td>
</tr>
<tr>
<td>I/O Subsystem</td>
<td>Builtin</td>
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<tr>
<td>USB Subsystem</td>
<td>USB 2.0/3.0</td>
</tr>
<tr>
<td>Operating System</td>
<td>Win 10 Enterprise 64 Bit (1909)</td>
</tr>
<tr>
<td>Microsoft Office</td>
<td>2019</td>
</tr>
<tr>
<td>Adobe Reader</td>
<td>DC</td>
</tr>
<tr>
<td>Print Driver</td>
<td>8.00.1324.6775</td>
</tr>
</tbody>
</table>

ISO First Page Out Time Report: Office Category

Detailed Report: LETTER

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<th>Value</th>
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</tr>
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<td>DC</td>
</tr>
<tr>
<td>Print Driver</td>
<td>8.00.1324.6775</td>
</tr>
</tbody>
</table>
### ISO/IEC 17629 First Print Out Time Report: Office Category

#### Full Detailed Test Report - A4

**HP PageWide Enterprise Color Flow MFP 586z & Page Wide Managed MFP E58650z**

**Test Start Date and Time:** 3/10/2021 18:31  
**Tester:** RM  
**Machine name/model:** HP PageWide Enterprise Color Flow MFP 586z & Page Wide Managed MFP E58650z  
**Colour or B&W:** Colour  
**FW Version:** 2501124_004339  
**Configuration (options):** Default  
**Controller:** Not Specified  
**Printing device page count:** Not Specified  
**Printing supplies page count:** Not Specified  
**Temperature and Humidity:** 73 degF / 23 degC  32.3 %rH  
**Voltage:** 110V

#### Test End Date and Time: 3/12/2021 14:53

#### Item Value

- **PDL and driver version:** 8.00.1324.6775  
- **Print Quality mode:** Default  
- **B&W settings:** Default  
- **Paper feed orientation:** Short Edge  
- **Paper type setting:** Default  
- **Paper feeding:** Standard Cassette  
- **Paper exit:** Standard exit tray  
- **Output orientation:** Default (face up or face down)

**ISO First Page Out Time Summary Report: Office Category**

**Summary Report: A4**

**Notes**

1) All printing device and driver settings were default mode.  
2) For the B/W results, the print driver was set to "print in B/W".  
3) For more information see http://www.hp.com/go/printerclaims.  
4) Port monitor not configured to follow device if the IP address changes.  
5) Page counts were collected after completion of the tests.

#### Summary Report: A4

<table>
<thead>
<tr>
<th>Item</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Paper Path</strong></td>
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</tr>
<tr>
<td><strong>Test System</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Printing Service Connection</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Software</strong></td>
<td></td>
</tr>
</tbody>
</table>

#### Test System Parameters

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<th>Value</th>
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</thead>
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<tr>
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<td></td>
</tr>
<tr>
<td><strong>Processor</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Memory</strong></td>
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</tr>
<tr>
<td><strong>Graphics</strong></td>
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<tr>
<td><strong>Controller</strong></td>
<td></td>
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<tr>
<td><strong>I/O Interface</strong></td>
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<tr>
<td><strong>Display</strong></td>
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</tr>
<tr>
<td><strong>Configuration</strong></td>
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<tr>
<td><strong>Plotters</strong></td>
<td></td>
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<tr>
<td><strong>Algorithms</strong></td>
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</tbody>
</table>

#### Printing Service Connection

<table>
<thead>
<tr>
<th>Item</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TCP/IP</strong></td>
<td></td>
</tr>
</tbody>
</table>

#### Software

<table>
<thead>
<tr>
<th>Item</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Operating System</strong></td>
<td></td>
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<tr>
<td><strong>Spreadsheet</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Database</strong></td>
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</tbody>
</table>

#### ISO First Page Out Time Report: Office Category

<table>
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<tr>
<th>Item</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FPOT from Ready (seconds)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>FPOT from Sleep (seconds)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>FPOT from Sleep - HP/Non ISO Test (seconds)</strong></td>
<td></td>
</tr>
</tbody>
</table>

#### Details Report: A4

<table>
<thead>
<tr>
<th>Word</th>
<th>Excel</th>
<th>Adobe Reader</th>
<th>Average</th>
<th>Delay Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>FPOT from Ready - Simplex</td>
<td>6.40</td>
<td>5.99</td>
<td>6.40</td>
<td>6.27</td>
</tr>
<tr>
<td>FPOT from Ready - Simplex</td>
<td>5.99</td>
<td>6.09</td>
<td>6.15</td>
<td>5.94</td>
</tr>
</tbody>
</table>

#### Color Mode

- **FPOT from Ready - Simplex:** 6.40 5.99 6.40 6.27 30 Seconds
- **FPOT from Sleep - Simplex:** 12.75 87 minutes
- **Recovery Time:** 7.9
- **Warm-up Time:** 177.61

#### S&W Mode

- **FPOT from Ready - Simplex:** 5.05 6.08 6.15 6.04 20 Seconds
- **FPOT from Sleep - Simplex:** 12.75 87 minutes
- **Recovery Time:** 6.6
- **Warm-up Time:** 172.08

#### Notes

1) All printing device and driver settings were default mode.  
2) For the B/W results, the print driver was set to "print in B/W".  
3) For more information see http://www.hp.com/go/printerclaims.  
4) Port monitor not configured to follow device if the IP address changes.  
5) Page counts were collected after completion of the tests.