ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - LETTER

HP Color LaserJet Enterprise M652dn

Test Start Date and Time 4/21/2017 10:24
Tester AO

Machine name/model HP Color LaserJet Enterprise M652dn

Temperature and Humidity 73 degF / 23 degC  25.0 %rH

Voltage 110V

Test End Date and Time 8/3/2017 9:51

Item Value

Driver Version upd-pcl6-x64-6.4.0.22070

Media/Quality Setting Default / Default

Simplex B&W Settings Print in Greyscale

Duplex B&W Settings Print in Greyscale

Setting N set count Application

Collating function Activated (application)

Paper Sending Direction Default

Paper Size Setting Default

Paper Feeding Tray 2

Paper Exit Standard Exit Tray

Output Orientation Default (face down)

Duplexing Unit (Yes/No) Yes

Paper Manufacturer HP / Xerox

Paper Weight 20lb / 75 g/m2

Paper Size Letter / A4

Paper type/name HP Multipurpose Ultra White / HP Office

Printing device and settings

<table>
<thead>
<tr>
<th>Mode and Setting</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driver Version</td>
<td>2403298_006038</td>
</tr>
<tr>
<td>Media/Quality Setting</td>
<td>Print in Greyscale</td>
</tr>
<tr>
<td>Simplex B&amp;W Setting</td>
<td>Print in Greyscale</td>
</tr>
<tr>
<td>Setting N set count</td>
<td>Application</td>
</tr>
<tr>
<td>Collating function</td>
<td>Activated (application)</td>
</tr>
<tr>
<td>Paper Sending Direction</td>
<td>Default</td>
</tr>
<tr>
<td>Paper Size Setting</td>
<td>Default</td>
</tr>
<tr>
<td>Paper Feeding Tray</td>
<td>Standard Exit Tray</td>
</tr>
<tr>
<td>Duplexing Unit</td>
<td>Yes</td>
</tr>
<tr>
<td>Paper Exit</td>
<td>Standard Exit Tray</td>
</tr>
<tr>
<td>Output Orientation</td>
<td>Default (face down)</td>
</tr>
<tr>
<td>Paper Manufacturer</td>
<td>HP / Xerox</td>
</tr>
<tr>
<td>Paper Weight</td>
<td>20lb / 75 g/m2</td>
</tr>
<tr>
<td>Paper Size</td>
<td>Letter / A4</td>
</tr>
<tr>
<td>Paper type/name</td>
<td>HP Multipurpose Ultra White / HP Office</td>
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Summary Report: LETTER

<table>
<thead>
<tr>
<th>Office Category Test for Color Device</th>
<th>FSOT (seconds)</th>
<th>ESAT (ipm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Simplex</td>
<td>9.9</td>
<td>50.2</td>
</tr>
<tr>
<td>Duplex</td>
<td>12.5</td>
<td>50.3</td>
</tr>
</tbody>
</table>

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.

Detailed Report: LETTER

<table>
<thead>
<tr>
<th>Office Category Test</th>
<th>FSOT (seconds)</th>
<th>ESAT (ipm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Simplex - Adobe Reader</td>
<td>10.42</td>
<td>48.69</td>
</tr>
<tr>
<td>Simplex - Word</td>
<td>9.58</td>
<td>44.73</td>
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<tr>
<td>Simplex - Excel</td>
<td>9.62</td>
<td>44.91</td>
</tr>
<tr>
<td>Simplex - Average</td>
<td>9.9</td>
<td>44.9</td>
</tr>
<tr>
<td>Duplex - Adobe Reader</td>
<td>13.00</td>
<td>40.88</td>
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<tr>
<td>Duplex - Word</td>
<td>12.15</td>
<td>41.42</td>
</tr>
<tr>
<td>Duplex - Excel</td>
<td>12.20</td>
<td>41.82</td>
</tr>
<tr>
<td>Duplex - Average</td>
<td>12.5</td>
<td>41.9</td>
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</table>

B&W mode

<table>
<thead>
<tr>
<th>Office Category Test</th>
<th>FSOT (seconds)</th>
<th>ESAT (ipm)</th>
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<tbody>
<tr>
<td>Simplex - Adobe Reader</td>
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<tr>
<td>Simplex - Word</td>
<td>9.00</td>
<td>46.0</td>
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<td>Simplex - Excel</td>
<td>8.89</td>
<td>45.37</td>
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<td>Simplex - Average</td>
<td>9.2</td>
<td>45.5</td>
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<tr>
<td>Duplex - Adobe Reader</td>
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<td>40.82</td>
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<tr>
<td>Duplex - Word</td>
<td>12.15</td>
<td>41.82</td>
</tr>
<tr>
<td>Duplex - Excel</td>
<td>12.14</td>
<td>41.82</td>
</tr>
<tr>
<td>Duplex - Average</td>
<td>12.5</td>
<td>41.9</td>
</tr>
</tbody>
</table>

Test System Parameters

- Computer: HP Compaq Elite 8300 Small Form Factor
- Processor: Intel Core i7 -3770, 3.4 GHz
- System Chip Set: Intel C216 Chipset Family SMBus Host Controller
- System Memory: 4 GB
- Hard Drive Subsystem: Standard disk drive (Seagate)
- Video Subsystem: AMD Radeon HD 6350
- Optical Drive: HP DVD AD16aCSHR ATA
- USB Subsystem: USB 2.0/3.0
- Operating System: Windows 7 64 bit
- Printing Applications: Microsoft Office 2010
- Office Printing: Microsoft Office 2010
- Adobe Reader: Yes

Test files and location: Office category files, hard drive

Detailed Report: LETTER

EFTP (ipm)

<table>
<thead>
<tr>
<th>Office Category Test</th>
<th>1 set only</th>
<th>1 set only (2 sets)</th>
<th>1 set + 30sec (1 set)</th>
<th>1 set + 4min (2 sets)</th>
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<tbody>
<tr>
<td>Simplex - Adobe Reader</td>
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<td>50.25</td>
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<td>41.9</td>
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<td></td>
</tr>
</tbody>
</table>

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.
ISO/IEC 24734 Printing Productivity Report: Office Category

Test Start Date and Time: 4/21/2017 10:24
Tester AO
Machine name/model: HP Color LaserJet Enterprise M652dn

Item
Value
Driver Version: upd-pcl6-x64-6.4.0.22070
Media/Quality Setting: Default / Default
Simplex B&W Setting: Print in Greyscale
Duplex B&W Setting: Print in Greyscale
Setting N set count: Application
Collating function: Activated (application)
Paper Sending Direction: Default
Paper Size Setting: Default
Paper Feeding Tray: 2
Output Orientation: Default (face down)
Duplexing Unit: Yes
Paper Size: Letter / A4
Paper type/name: HP Multipurpose Ultra White / HP Office

<table>
<thead>
<tr>
<th>Simplex - Adobe Reader</th>
<th>FSOT (sec)</th>
<th>ESAT (ipm)</th>
</tr>
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<tbody>
<tr>
<td>9.80</td>
<td>24.49</td>
<td>41.41</td>
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<tr>
<td></td>
<td>(1 set)</td>
<td>(8 sets)</td>
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<tr>
<td>Simplex - Word</td>
<td>11.9</td>
<td>42.9</td>
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<tr>
<td></td>
<td>(1 set)</td>
<td>(8 sets)</td>
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<tr>
<td>Simplex - Excel</td>
<td>11.9</td>
<td>40.4</td>
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<tr>
<td></td>
<td>(1 set)</td>
<td>(8 sets)</td>
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<tr>
<td>Simplex - Average</td>
<td>11.9</td>
<td>48.0</td>
</tr>
<tr>
<td></td>
<td>(1 set)</td>
<td>(8 sets)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Duplex - Adobe Reader</th>
<th>FSOT (sec)</th>
<th>ESAT (ipm)</th>
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</thead>
<tbody>
<tr>
<td>12.28</td>
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<td></td>
<td>(1 set)</td>
<td>(53 sets)</td>
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<td>Duplex - Word</td>
<td>11.59</td>
<td>41.2</td>
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<td></td>
<td>(1 set)</td>
<td>(53 sets)</td>
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<td>Duplex - Excel</td>
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<td>(8 sets)</td>
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<td>Duplex - Average</td>
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<td>48.0</td>
</tr>
<tr>
<td></td>
<td>(1 set)</td>
<td>(8 sets)</td>
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<tr>
<th>Simplex - Adobe Reader</th>
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<th>ESAT (ipm)</th>
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<tbody>
<tr>
<td>9.83</td>
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<td>(8 sets)</td>
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<td>Simplex - Average</td>
<td>11.9</td>
<td>48.0</td>
</tr>
<tr>
<td></td>
<td>(1 set)</td>
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<tbody>
<tr>
<td>12.24</td>
<td>25.5</td>
<td>43.1</td>
</tr>
<tr>
<td></td>
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<td>(53 sets)</td>
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<tr>
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<td>41.2</td>
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<tr>
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<td>(53 sets)</td>
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<tr>
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<td>(8 sets)</td>
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<td>Duplex - Average</td>
<td>11.9</td>
<td>48.0</td>
</tr>
<tr>
<td></td>
<td>(1 set)</td>
<td>(8 sets)</td>
</tr>
</tbody>
</table>

Notes
1) All printing device and driver settings were default mode.
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Test System Parameters

<table>
<thead>
<tr>
<th>Item</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer</td>
<td>HP Compaq Elite 8300 Small Form Factor</td>
</tr>
<tr>
<td>Processor</td>
<td>Intel Core i7-3770, 3.4 GHz</td>
</tr>
<tr>
<td>System Chip Set</td>
<td>Intel C216 Chipset Family SMBus Host Controller</td>
</tr>
<tr>
<td>System Memory</td>
<td>4 GB</td>
</tr>
<tr>
<td>Hard Drive Subsystem</td>
<td>Standard disk drive (Seagate)</td>
</tr>
<tr>
<td>Video Subsystem</td>
<td>AMD Radeon HD 6350</td>
</tr>
<tr>
<td>I/O Subsystem</td>
<td>USB 2.0/3.0</td>
</tr>
<tr>
<td>Operating System</td>
<td>Windows 7 64 Bit</td>
</tr>
<tr>
<td>Printing Applications</td>
<td>Microsoft Office 2010</td>
</tr>
<tr>
<td>Computer</td>
<td>HP Color LaserJet Enterprise M652dn</td>
</tr>
<tr>
<td>Test Files and Location</td>
<td>Office category files, hard disk drive</td>
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### ISO/IEC 24734 Printing Productivity Report: Office Category

**Feature Performance Full Report - Office Feature Performance Test**

**HP Color LaserJet Enterprise M652dn**

- **Test Start Date and Time:** 4/21/2017 10:24
- **Tester:** AO
- **Machine name/model:** HP Color LaserJet Enterprise M652dn
- **Colour or B&W:** Colour
- **FW Version:** 2403298_006038
- **Temperature and Humidity:** 73 degF / 23 degC  25.0 %rH
- **Voltage:** 110V

#### Test End Date and Time
8/3/2017 9:51

<table>
<thead>
<tr>
<th>Item</th>
<th>Value</th>
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<tbody>
<tr>
<td>Item</td>
<td>Value</td>
</tr>
<tr>
<td>Depth Setting</td>
<td>Simplex B&amp;W Settings: Print in Greyscale</td>
</tr>
<tr>
<td>N set</td>
<td>Simplex B&amp;W Settings: Print in Greyscale</td>
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<tr>
<td>Collating</td>
<td>Activated (application)</td>
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<tr>
<td>Paper Sending Direction</td>
<td>Default</td>
</tr>
<tr>
<td>Paper Weight</td>
<td>20lb / 75 g/m2</td>
</tr>
<tr>
<td>Paper Weight</td>
<td>20lb / 75 g/m2</td>
</tr>
<tr>
<td>Paper</td>
<td>HP Multipurpose Ultra White / HP Office</td>
</tr>
<tr>
<td>Paper</td>
<td>HP Multipurpose Ultra White / HP Office</td>
</tr>
<tr>
<td>Paper</td>
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<tr>
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#### Printing Device and Settings

<table>
<thead>
<tr>
<th>Item</th>
<th>Value</th>
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<tbody>
<tr>
<td>Computer</td>
<td>HP Compaq Elite 8300 Small Form Factor</td>
</tr>
<tr>
<td>Processor</td>
<td>Intel Core i7 -3770, 3.4 GHz</td>
</tr>
<tr>
<td>System Chip Set</td>
<td>Intel C216 Chipset Family SMBus Host Controller</td>
</tr>
<tr>
<td>System Board</td>
<td>system devices, default system BIOS</td>
</tr>
<tr>
<td>System Memory</td>
<td>4 GB</td>
</tr>
<tr>
<td>Hard Drive Subsystem</td>
<td>Standard disk drive (Seagate)</td>
</tr>
<tr>
<td>Video Subsystem</td>
<td>AMD Radeon HD 6350</td>
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<tr>
<td>Optical Drive</td>
<td>HP DVD A DH16aCSHR ATA</td>
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<td>Builtin</td>
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<td>Adobe Reader</td>
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<td>Test System Parameters</td>
<td>Test file and location: Office category files, hard drive</td>
</tr>
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</table>

#### ISO Print Productivity Report: Feature Performance Test Summary

<table>
<thead>
<tr>
<th>Feature Performance Rate</th>
<th>A5 and Legal</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSOT (base)</td>
<td>FSOT (feature)</td>
</tr>
<tr>
<td>ESAT (base)</td>
<td>ESAT (feature)</td>
</tr>
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<td>FSOT (base)</td>
<td>FSOT (feature)</td>
</tr>
<tr>
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<td>FSOT (feature)</td>
</tr>
<tr>
<td>ESAT (base)</td>
<td>ESAT (feature)</td>
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</tbody>
</table>

#### Feature Performance Full Report - Feature Printing Mode: 'Office' Feature Performance Test

<table>
<thead>
<tr>
<th>Feature Performance Full Report - Office Feature Performance Test</th>
<th>Feature Performance Rate</th>
<th>A5 and Legal</th>
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<td>ESAT (base)</td>
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<td>Feature Printing Mode: 'Office' Feature Performance Test</td>
<td>FSOT (base)</td>
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<td>FSOT (feature)</td>
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<td>FSOT (base)</td>
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<tr>
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<td>ESAT (base)</td>
<td>ESAT (feature)</td>
</tr>
</tbody>
</table>

#### Notes

1. All printing device and driver settings were default mode.
2. Test conducted with 8-paper Office Feature Performance file.
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. Device not configured to follow device if the IP address changes.

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### Test System Parameters

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<tr>
<th>Item</th>
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<tr>
<td>Computer</td>
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<tr>
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<td>system devices, default system BIOS</td>
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<td>System Memory</td>
<td>4 GB</td>
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<td>Hard Drive Subsystem</td>
<td>Standard disk drive (Seagate)</td>
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<td>Video Subsystem</td>
<td>AMD Radeon HD 6350</td>
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<td>Optical Drive</td>
<td>HP DVD A DH16aCSHR ATA</td>
</tr>
<tr>
<td>Test System Parameters</td>
<td>Test file and location: Office category files, hard drive</td>
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</tbody>
</table>

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### Test System

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<tr>
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<tbody>
<tr>
<td>Computer</td>
<td>HP Compaq Elite 8300 Small Form Factor</td>
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**ISO/IEC 17629 First Print Out Time Report: Office Category**

**Full Detailed Test Report - LETTER**

**HP Color LaserJet Enterprise M652dn**

- **Test Start Date and Time**: 4/21/2017 10:24
- **Tester**: AO
- **Machine name/model**: HP Color LaserJet Enterprise M652dn
- **Color or B&W**: Colour
- **FW Version**: 2403298_006038
- **Configuration (options)**: Default
- **Controller**: 7.143
- **Printing device page count**: Not Specified
- **Printing supplies page count**: Not Specified
- **Temperature and Humidity**: 73 degF / 23 degC  25.0 %rH
- **Voltage**: 110V
- **Test End Date and Time**: 8/3/2017 9:51

**Item**

<table>
<thead>
<tr>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>PDL and driver version upd-pcl6-x64-6.4.0.22070</td>
</tr>
<tr>
<td>Print Quality mode: default</td>
</tr>
<tr>
<td>B&amp;W settings: default</td>
</tr>
<tr>
<td>Paper feed orientation: Short edge</td>
</tr>
<tr>
<td>Paper type setting: default</td>
</tr>
<tr>
<td>Paper feeding: Standard cassette</td>
</tr>
<tr>
<td>Output orientation: Default (Face up or face down)</td>
</tr>
</tbody>
</table>

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

**Summary Report:** LETTER

<table>
<thead>
<tr>
<th>Color Mode</th>
<th>FPOT from Ready (seconds)</th>
<th>FPOT from Sleep (seconds)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Color</strong></td>
<td>6.09</td>
<td>6.58</td>
</tr>
<tr>
<td><strong>B&amp;W</strong></td>
<td>5.41</td>
<td>6.39</td>
</tr>
</tbody>
</table>

**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.

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

**Detailed Report: LETTER**

<table>
<thead>
<tr>
<th>Color Mode</th>
<th>Application</th>
<th>Delay Time</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Color</strong></td>
<td>Adobe Reader</td>
<td>105 Minutes</td>
</tr>
<tr>
<td><strong>B&amp;W</strong></td>
<td>Adobe Reader</td>
<td>105 Minutes</td>
</tr>
</tbody>
</table>

**HP Data Table**

<table>
<thead>
<tr>
<th>Color Mode</th>
<th>Application</th>
<th>Delay Time</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Color</strong></td>
<td>Adobe Reader</td>
<td>15 Minutes</td>
</tr>
<tr>
<td><strong>B&amp;W</strong></td>
<td>Adobe Reader</td>
<td>15 Minutes</td>
</tr>
</tbody>
</table>

**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.
6) Details for FPOT from Sleep are shown below.

**Test System Parameters**

- **Computer**: HP Compaq Elite 8300 Small Form Factor
- **Processor**: Intel Core i7-3770, 3.4 GHz
- **System Chip Set**: Intel C216 Chipset Family SMBus Host Controller
- **System Board**: System devices, default system BIOS
- **System Memory**: 4 GB
- **Hard Drive Subsystem**: Standard disk drive (Seagate)
- **Video Subsystem**: AMD Radeon HD 6350
- **Optical Drive**: HP DVD ADH16aCSHR ATA
- **I/O Subsystem**: Builtin
- **USB Subsystem**: USB 2.0/3.0
- **Operating System**: Windows 7 Ultimate & Business, 64 bit, Build 7601, SP1
- **Microsoft Office**: 2010 SP2
- **Adobe Reader**: 10.1.4
- **Print Driver**: upd-pcl6-x64-6.4.0.22070

**Test System**

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</tbody>
</table>

**Printing Device Connection**

<table>
<thead>
<tr>
<th>Name</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCP/IP</td>
<td>15/1000</td>
</tr>
</tbody>
</table>

**Software**

- **Operating System**: Windows 7 Ultimate & Business, 64 bit, Build 7601, SP1
- **Microsoft Office**: 2010 SP2
- **Adobe Reader**: 10.1.4
**ISO/IEC 17629 First Print Out Time Report: Office Category**

**Full Detailed Test Report - A4**

*HP Color LaserJet Enterprise M652dn*

- **Test Start Date and Time:** 4/21/2017 10:24
- **Tester:** AO
- **Configuration (options):** Default
- **Controller:** 7.143
- **Paper Feeding:** Standard cassette
- **Paper Path:** Standard path (face up or face down)
- **Voltage:** 110V

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

### Detailed Report: A4

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<tr>
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<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
<td><strong>Operating System</strong></td>
<td>Windows 7 Business 32bit, SP1</td>
</tr>
<tr>
<td><strong>Software</strong></td>
<td>Microsoft Office 2010 SP2</td>
</tr>
</tbody>
</table>

### Printing device and settings

- **PDL and driver version:** upd-pcl6-x64-6.4.0.22070
- **Print Quality mode:** Default
- **B&W settings:** Default
- **Paper feed orientation:** Short Edge
- **Paper type setting:** Default
- **Output orientation:** Default

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

<table>
<thead>
<tr>
<th>Mode</th>
<th>and Setting</th>
<th>Paper Path</th>
<th>Color</th>
<th>B&amp;W</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FPOT from Ready</strong></td>
<td>5.14</td>
<td>5.26</td>
<td>5.70</td>
<td>5.37</td>
<td>20 Seconds</td>
</tr>
<tr>
<td><strong>FPOT from Ready - Duplex</strong></td>
<td>12.28</td>
<td>105 Minutes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>FPOT from Sleep - Simplex</strong></td>
<td>12.98</td>
<td>105 Minutes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Recovery Time</strong></td>
<td>7.6</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Warm-up Time</strong></td>
<td>153.24</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>FPOT from Ready - Simplex</strong></td>
<td>5.11</td>
<td>5.25</td>
<td>5.81</td>
<td>5.39</td>
<td>20 Seconds</td>
</tr>
<tr>
<td><strong>FPOT from Ready - Duplex</strong></td>
<td>12.96</td>
<td>105 Minutes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>FPOT from Sleep - Simplex</strong></td>
<td>12.90</td>
<td>105 Minutes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Recovery Time</strong></td>
<td>7.2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Warm-up Time</strong></td>
<td>151.22</td>
<td></td>
<td></td>
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### 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".
4. Port monitor not configured to follow device if the IP address changes.
5. Page counts were collected after completion of the tests.
6. Details for FPOT from Sleep are shown below.

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<thead>
<tr>
<th>HP Data Table</th>
<th>Detailed Report: A4</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FPOT Avg (sec)</strong></td>
<td>FPOT from Sleep 13.26 13.26 13.26 N/A Adobe Reader 150 Minutes</td>
</tr>
<tr>
<td><strong>FPOT from Sleep</strong></td>
<td>12.96 12.90 12.90 12.05 N/A Adobe Reader 150 Minutes</td>
</tr>
</tbody>
</table>

### 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. DLP includes detailed iterations as data measurements may vary run to run.