

**ISO/IEC 24734 Printing Productivity Report: Office Category**

**Full Detailed Test Report - LETTER**

OfficeJet Enterprise Color X555

| Printing device and settings |                                 |
|------------------------------|---------------------------------|
| Test Start Date and Time     | 5/1/2014 10:45                  |
| Tester                       | JB                              |
| Machine name/model           | OfficeJet Enterprise Color X555 |
| Colour or B&W                | Colour                          |
| FW Version                   | 2302253_422210                  |
| Temperature and Humidity     | 73 degF / 23 degC, 50 %RH       |
| Voltage                      | 110V                            |
| Test End Date and Time       | 7/15/2014 12:42                 |

| Item                    | Value                   |  |
|-------------------------|-------------------------|--|
| <b>Mode and Setting</b> | Driver Version          | 61.155.1.16791                                 |
|                         | Media/Quality Setting   | Default / Default                              |
|                         | Simplex B&W Settings    | Print in Grayscale                             |
|                         | Duplex B&W Settings     | Print in Grayscale                             |
|                         | Setting N set count     | Application                                    |
|                         | Collating function      | Activated (application)                        |
| <b>Paper Path</b>       | 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  |
| <b>Paper</b>            | Paper Manufacturer      | HP / Xerox                                     |
|                         | Paper Weight            | 20lb / 75 g/m2                                 |
|                         | Paper Size              | Letter / A4                                    |
|                         | Paper type/name         | HP Multipurpose Colorlok / Xerox Business 4200 |

| Summary Report: Letter                |         |                |            |
|---------------------------------------|---------|----------------|------------|
| Office Category Test for Color Device |         | FSOT (seconds) | ESAT (ipm) |
| <b>Color</b>                          | Simplex | 12.1           | 45.4       |
|                                       | Duplex  | 20.6           | 23.2       |
| <b>B&amp;W</b>                        | Simplex | 12.0           | 45.8       |
|                                       | Duplex  | 20.0           | 23.1       |

Notes  
Measured using ISO/IEC 24734, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

| Detailed Report: LETTER                            |                        |                    |                     |                           |                      |       |
|--|------------------------|--------------------|---------------------|---------------------------|----------------------|-------|
|  | Office Category Test   | FSOT (secs)        | EFTP (ipm)          |                           | ESAT (ipm)           |       |
|  |                        |                    | 1 set only (1 set)  | 1 set + 30sec (# of sets) |                      |       |
| <b>Color Mode</b>                                  | Simplex - Adobe Reader | 12.51              | 19.17<br>( 1 set )  | 36.43<br>( 8 sets )       | 42.89<br>( 55 sets ) | 45.37 |
|  | Simplex - Word         | 11.96              | 20.05<br>( 1 set )  | 37.04<br>( 8 sets )       |                      | 45.42 |
|  | Simplex - Excel        | 11.88              | 20.20<br>( 1 set )  | 37.36<br>( 8 sets )       |                      | 45.57 |
|  | Simplex - Average      | 12.1               | 19.8                | 36.9                      | 42.8                 | 45.4  |
|  | Duplex - Adobe Reader  | 20.94              | 11.44<br>( 1 set )  | 18.94<br>( 5 sets )       |                      | 23.22 |
|  | Duplex - Word          | 20.58              | 11.64<br>( 1 set )  | 19.28<br>( 5 sets )       |                      | 23.22 |
|  | Duplex - Excel         | 20.38              | 11.76<br>( 1 set )  | 19.39<br>( 5 sets )       |                      | 23.34 |
|  | Duplex - Average       | 20.6               | 11.6                | 19.2                      |                      | 23.2  |
|  | Simplex - Adobe Reader | 12.23              | 19.61<br>( 1 set )  | 37.63<br>( 8 sets )       | 43.32<br>( 54 sets ) | 45.80 |
|  | Simplex - Word         | 11.93              | 20.10<br>( 1 set )  | 38.14<br>( 8 sets )       |                      | 45.83 |
| Simplex - Excel                                    | 11.86                  | 20.22<br>( 1 set ) | 37.65<br>( 8 sets ) |                           | 45.79                |       |
| Simplex - Average                                  | 12.0                   | 19.9               | 37.8                | 43.3                      | 45.8                 |       |
| <b>B&amp;W mode</b><br>(optional for color device) | Duplex - Adobe Reader  | 20.64              | 11.62<br>( 1 set )  | 19.14<br>( 5 sets )       |                      | 23.16 |
|  | Duplex - Word          | 19.74              | 12.16<br>( 1 set )  | 19.22<br>( 5 sets )       |                      | 23.10 |
|  | Duplex - Excel         | 19.71              | 12.18<br>( 1 set )  | 19.28<br>( 5 sets )       |                      | 23.24 |
|  | Duplex - Average       | 20.0               | 11.9                | 19.2                      |                      | 23.1  |

Notes  
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| Test System Parameters  |   |
|-------------------------|---|
| Item                    | Value   |
| 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 A DH16aCSHR ATA                          |
| I/O Subsystem           | Builtin   |
| USB Subsystem           | USB 2.0/3.0                                     |
| TCP/IP                  | TCP/IP 10/1000                                  |
| Operating System        | Windows 7 64 Bit                                |
| Printing Applications   | Microsoft Office 2010                           |
| Microsoft Office        | Office 2010                                     |
| Adobe Reader            | 10  |
| Test files and location | Office category files, hard drive               |

**ISO/IEC 24734 Printing Productivity Report: Office Category**

**Full Detailed Test Report - A4**

OfficeJet Enterprise Color X555

| Printing device and settings |                                 |
|------------------------------|---------------------------------|
| Test Start Date and Time     | 5/1/2014 10:45                  |
| Tester                       | JB                              |
| Machine name/model           | OfficeJet Enterprise Color X555 |
| Colour or B&W                | Colour                          |
| FW Version                   | 2302253_422210                  |
| Temperature and Humidity     | 73 degF / 23 degC, 50 %rH       |
| Voltage                      | 110V                            |
| Test End Date and Time       | 7/15/2014 12:42                 |

| Item             | Value                   |  |
|------------------|-------------------------|--|
| Mode and Setting | Driver Version          | 61.155.1.16791                                 |
|                  | Media/Quality Setting   | Default / Default                              |
|                  | Simplex B&W Settings    | Print in Grayscale                             |
|                  | Duplex B&W Settings     | Print in Grayscale                             |
|                  | Setting N set count     | Application                                    |
|                  | Collating function      | Activated (application)                        |
| Paper Path       | 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            | Paper Manufacturer      | HP / Xerox                                     |
|                  | Paper Weight            | 20lb / 75 g/m2                                 |
|                  | Paper Size              | Letter / A4                                    |
|                  | Paper type/name         | HP Multipurpose Colorlok / Xerox Business 4200 |

| Summary Report: A4                    |         |                |            |
|---------------------------------------|---------|----------------|------------|
| Office Category Test for Color Device |         | FSOT (seconds) | ESAT (ipm) |
| Colour                                | Simplex | 12.5           | 43.7       |
|                                       | Duplex  | 21.1           | 22.9       |
| B&W                                   | Simplex | 12.2           | 44.0       |
|                                       | Duplex  | 20.7           | 22.9       |

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| Detailed Report: A4                     |                        |                    |                    |                           |                          |               |
|---|------------------------|--------------------|--------------------|---------------------------|--------------------------|---------------|
|   | Office Category Test   | FSOT (secs)        | EFTP (ipm)         |                           |                          | ESAT (ipm)    |
|   |                        | 1 set only (1 set) | 1 set only (1 set) | 1 set + 30sec (# of sets) | 1 set + 4min (# of sets) | 1 set + 30sec |
| Colour Mode                             | Simplex - Adobe Reader | 13.00              | 18.46<br>( 1 set ) | 36.36<br>( 8 sets )       | 41.60<br>( 52 sets )     | 43.79         |
|   | Simplex - Word         | 12.39              | 19.36<br>( 1 set ) | 36.86<br>( 8 sets )       |                          | 43.78         |
|   | Simplex - Excel        | 12.29              | 19.54<br>( 1 set ) | 36.76<br>( 8 sets )       |                          | 43.81         |
|   | Simplex - Average      | 12.5               | 19.1               | 36.6                      | 41.6                     | 43.7          |
|   | Duplex - Adobe Reader  | 21.50              | 11.14<br>( 1 set ) | 18.60<br>( 5 sets )       |                          | 22.96         |
|   | Duplex - Word          | 21.17              | 11.32<br>( 1 set ) | 18.14<br>( 4 sets )       |                          | 23.04         |
|   | Duplex - Excel         | 20.67              | 11.60<br>( 1 set ) | 18.92<br>( 5 sets )       |                          | 22.90         |
|   | Duplex - Average       | 21.1               | 11.3               | 18.5                      |                          | 22.9          |
| B&W mode<br>(optional for color device) | Simplex - Adobe Reader | 12.44              | 19.29<br>( 1 set ) | 36.42<br>( 8 sets )       | 41.11<br>( 52 sets )     | 44.05         |
|   | Simplex - Word         | 12.15              | 19.73<br>( 1 set ) | 36.89<br>( 8 sets )       |                          | 44.06         |
|   | Simplex - Excel        | 12.08              | 19.86<br>( 1 set ) | 37.08<br>( 8 sets )       |                          | 44.11         |
|   | Simplex - Average      | 12.2               | 19.6               | 36.7                      | 41.1                     | 44.0          |
|   | Duplex - Adobe Reader  | 21.02              | 11.40<br>( 1 set ) | 18.04<br>( 4 sets )       |                          | 23.02         |
|   | Duplex - Word          | 20.54              | 11.66<br>( 1 set ) | 19.02<br>( 5 sets )       |                          | 22.92         |
|   | Duplex - Excel         | 20.54              | 11.66<br>( 1 set ) | 19.04<br>( 5 sets )       |                          | 22.96         |
|   | Duplex - Average       | 20.7               | 11.5               | 18.7                      |                          | 22.9          |

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| Video Subsystem         | AMD Radeon HD 6350                              |
| Optical Drive           | HP DVD A DH16aCASHR ATA                         |
| I/O Subsystem           | Builtin   |
| USB Subsystem           | USB 2.0/3.0                                     |
| TCP/IP                  | TCP/IP 10/1000                                  |
| Operating System        | Windows 7 64 Bit                                |
| Printing Applications   | Microsoft Office 2010                           |
| Microsoft Office        | Office 2010                                     |
| Adobe Reader            | 10  |
| Test files and location | Office category files, hard drive               |