

ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - LETTER

HP LaserJet Enterprise MFP M527 Series & LaserJet Managed MFP E52545 Series

| Printing device and settings | |
|------------------------------|---|
| Test Start Date and Time | 8/5/2015 10:57 |
| Tester | AH |
| Machine name/model | HP LaserJet Enterprise MFP M527 Series & LaserJet Managed MFP E52545 Series |
| Colour or B&W | B&W |
| FW Version | 2306242_531750_20150731 |
| Temperature and Humidity | 72 degF / 22 degC 22.2 %RH |
| Voltage | 110V |
| Test End Date and Time | 5/1/2018 7:20 |

| | Item | Value |
|------------------|-------------------------|---|
| Mode and Setting | Driver Version | Fusion16_0_Release15168_542-292 |
| | Media/Quality Setting | Default / Default |
| | Simplex B&W Settings | default |
| | Duplex B&W Settings | default |
| | Setting N set count | Application |
| Paper Path | 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) |
| Paper | 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 |

| Summary Report: Letter | | | |
|---|---------|----------------|------------|
| Office Category Test for B&W Device | | FSOT (seconds) | ESAT (ipm) |
| B&W | Simplex | 9.7 | 45.8 |
| | Duplex | 13.1 | 37.3 |
| 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://w.w.w.hp.com/go/printerclaims . | | | |
| 4) Port monitor not configured to follow device if the IP address changes. | | | |

| Detailed Report: LETTER | | | | | | |
|---|------------------------|--------------------|--------------------|---------------------------|--------------------------|---------------|
| | 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 |
| Color Mode | Simplex - Adobe Reader | | (1 set) | | | |
| | Simplex - Word | | (1 set) | | | |
| | Simplex - Excel | | (1 set) | | | |
| | Simplex - Average | | | | | |
| | Duplex - Adobe Reader | N/A | N/A | N/A | | N/A |
| | Duplex - Word | N/A | N/A | N/A | | N/A |
| | Duplex - Excel | N/A | N/A | N/A | | N/A |
| | Duplex - Average | N/A | N/A | N/A | | N/A |
| B&W mode (optional for color device) | Simplex - Adobe Reader | 9.88 | 24.30 (1 set) | 41.16 (8 sets) | 44.54 (47 sets) | 45.93 |
| | Simplex - Word | 9.53 | 25.19 (1 set) | 41.81 (8 sets) | | 45.84 |
| | Simplex - Excel | 9.58 | 25.07 (1 set) | 41.73 (8 sets) | | 45.91 |
| | Simplex - Average | 9.7 | 24.8 | 41.5 | 44.5 | 45.8 |
| | Duplex - Adobe Reader | 13.89 | 17.28 (1 set) | 31.02 (6 sets) | | 37.26 |
| | Duplex - Word | 12.59 | 19.06 (1 set) | 31.68 (6 sets) | | 37.36 |
| | Duplex - Excel | 12.78 | 18.78 (1 set) | 31.74 (6 sets) | | 37.32 |
| | Duplex - Average | 13.1 | 18.3 | 31.4 | | 37.3 |
| 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://w.w.w.hp.com/go/printerclaims . | | | | | | |
| 4) Port monitor not configured to follow device if the IP address changes. | | | | | | |

| 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 | Built-in |
| 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

HP LaserJet Enterprise MFP M527 Series & LaserJet Managed MFP E52545 Series

| Printing device and settings | |
|------------------------------|---|
| Test Start Date and Time | 8/5/2015 10:57 |
| Tester | AH |
| Machine name/model | HP LaserJet Enterprise MFP M527 Series & LaserJet Managed MFP E52545 Series |
| Colour or B&W | B&W |
| FW Version | 2306242_531750_20150731 |
| Temperature and Humidity | 72 degF / 22 degC 22.2 %rH |
| Voltage | 110V |
| Test End Date and Time | 5/1/2018 7:20 |

| | Item | Value |
|------------------|-------------------------|---|
| Mode and Setting | Driver Version | Fusion16_0_Release15168_542-292 |
| | Media/Quality Setting | Default / Default |
| | Simplex B&W Settings | default |
| | Duplex B&W Settings | default |
| | Setting N set count | Application |
| Paper Path | 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) |
| Paper | 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 |

| Summary Report: A4 | | | |
|---|---------|----------------|------------|
| Office Category Test for B&W Device | | FSOT (seconds) | ESAT (ipm) |
| B&W | Simplex | 9.9 | 43.3 |
| | Duplex | 13.3 | 35.6 |
| 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://w.w.w.hp.com/go/printerclaims . | | | |
| 4) Port monitor not configured to follow device if the IP address changes. | | | |

| 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 | | (1 set) | | | |
| | Simplex - Word | | (1 set) | | | |
| | Simplex - Excel | | (1 set) | | | |
| | Simplex - Average | | | | | |
| | Duplex - Adobe Reader | N/A | N/A | N/A | | N/A |
| | Duplex - Word | N/A | N/A | N/A | | N/A |
| | Duplex - Excel | N/A | N/A | N/A | | N/A |
| | Duplex - Average | N/A | N/A | N/A | | N/A |
| B&W mode (optional for color device) | Simplex - Adobe Reader | 10.16 | 23.62 (1 set) | 38.59 (7 sets) | 42.02 (45 sets) | 43.39 |
| | Simplex - Word | 9.55 | 25.14 (1 set) | 39.27 (7 sets) | | 43.39 |
| | Simplex - Excel | 9.71 | 24.72 (1 set) | 39.18 (7 sets) | | 43.39 |
| | Simplex - Average | 9.9 | 24.4 (1 set) | 39.0 (7 sets) | 42.0 | 43.3 |
| | Duplex - Adobe Reader | 13.86 | 17.30 (1 set) | 29.52 (6 sets) | | 35.62 |
| | Duplex - Word | 12.83 | 18.70 (1 set) | 30.48 (6 sets) | | 35.68 |
| | Duplex - Excel | 13.04 | 18.38 (1 set) | 30.16 (6 sets) | | 35.64 |
| | Duplex - Average | 13.3 | 18.1 (1 set) | 30.0 (6 sets) | | 35.6 |
| 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://w.w.w.hp.com/go/printerclaims . | | | | | | |
| 4) Port monitor not configured to follow device if the IP address changes. | | | | | | |

| 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

Feature Performance Full Report - Office Feature Performance Test

HP LaserJet Enterprise MFP M527 Series & LaserJet Managed MFP E52545 Series

| Printing device and settings | |
|------------------------------|---|
| Test Start Date and Time | 8/5/2015 10:57 |
| Tester | AH |
| Machine name/model | HP LaserJet Enterprise MFP M527 Series & LaserJet Managed MFP E52545 Series |
| Colour or B&W | B&W |
| FW Version | 2306242_531750_20150731 |
| Temperature and Humidity | 72 degF / 22 degC 22.2 %rH |
| Voltage | 110V |
| Test End Date and Time | 5/1/2018 7:20 |

| | Item | Value |
|------------------|-------------------------|---|
| Mode and Setting | Driver Version | Fusion16_0_Release15168_542-292 |
| | Media/Quality Setting | Default / Default |
| | Simplex B&W Settings | default |
| | Duplex B&W Settings | default |
| | Setting N set count | Application |
| Paper Path | 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) |
| Paper | 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 |

ISO Print Productivity Report: Feature Performance Test Summary

| Printing Modes (Feature Adobe Reader - Office test file) | | Feature Performance Ratio | |
|---|---------|-------------------------------|-------------------------------|
| | | A5 and Legal | |
| | | FSOT (base) FSOT (feature) | ESAT (feature) ESAT (base) |
| A5 Landscape Feed - Colour | Simplex | | |
| A5 Portrait Feed - Colour | Simplex | | |
| Legal - Colour | Simplex | | |
| Legal - Colour | Duplex | | |
| A5 Landscape Feed - B/W | Simplex | 151% | 152% |
| A5 Portrait Feed - B/W | Simplex | | |
| Legal - B/W | Simplex | | |
| Legal - B/W | Duplex | | |

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.

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

| Printing Modes Feature Adobe Reader - Office test file (8-page) | Base Printing Mode | | Feature Performance | | | |
|--|--------------------|-----------|---------------------|---------------------------|-------------------------------|-------------------------------|
| | | | A5 and Legal | | | |
| | FSOT Base | ESAT Base | 1 set FSOT (secs) | 1 set + 30 sec ESAT (ipm) | FSOT (base) FSOT (feature) | ESAT (feature) ESAT (base) |
| Simplex A5 Landscape Feed - Colour | | | | | | |
| Simplex A5 Portrait Feed - Colour | | | | | | |
| Legal Simplex - Colour | | | | | | |
| Legal Duplex - Colour | | | | | | |
| Simplex A5 Landscape Feed - B/W | 17.89 | 43.39 | 11.89 | 66.0 | 151% | 152% |
| Simplex A5 Portrait Feed - B/W | 17.89 | 43.39 | | | | |
| Legal Simplex - B/W | 17.89 | 43.39 | | | | |
| Legal Duplex - B/W | 17.89 | 43.39 | | | | |

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.

| Test System Parameters | | |
|------------------------|-------------------------|---|
| Item | Value | |
| Test System | 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 DH16aC5HR ATA |
| | I/O Subsystem | Builtin |
| | USB Subsystem | USB 2.0/3.0 |
| I/O | TCP/IP | TCP/IP 10/1000 |
| Software | 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 17629 First Print Out Time Report: Office Category

Full Detailed Test Report - LETTER

HP LaserJet Enterprise MFP M527 Series & LaserJet Managed MFP E52545 Series

| Printing device and settings | | |
|------------------------------|---|--|
| Test Start Date and Time | 8/5/2015 10:57 | |
| Tester | AH | |
| Machine name/model | HP LaserJet Enterprise MFP M527 Series & LaserJet Managed MFP E52545 Series | |
| Colour or B&W | B&W | |
| FW Version | 2306242_531750_20150731 | |
| Configuration (options) | Default | |
| Controller | 1.117 | |
| Printing device page count | Not Specified | |
| Printing supplies page count | Not Specified | |
| Temperature and Humidity | 73 degF / 23 degC 34.4 %rH | |
| Voltage | 110V | |
| Test End Date and Time | 8/12/2015 16:55 | |

| Item | Value |
|-------------------------|---------------------------------|
| Mode and Setting | |
| PDL and driver version | Fusion16_0_Release15168_542-292 |
| Print Quality mode | default |
| B&W settings | default |
| Paper feed orientation | Short Edge |
| Paper | |
| Paper type setting | default |
| Paper feeding | Standard cassette |
| Paper exit | Standard exit tray |
| Paper Path | |
| Output orientation | default (face up or face down) |

ISO First Page Out Time Summary Report: Office Category

| Summary Report: Letter | | |
|------------------------|---------|---------------------------|
| | | FPOT from Ready (seconds) |
| B&W | Simplex | 5.62 |
| | Duplex | 10.03 |

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 | | | | | | |
|-------------------------|---------------------------|----------------|-----------------|------------------------|-------------------|-------------|
| | | Word (seconds) | Excel (seconds) | Adobe Reader (seconds) | Average (seconds) | Delay Time |
| Color Mode | FPOT from Ready - Simplex | | | | | |
| | FPOT from Ready - Duplex | | | | | |
| | FPOT from Sleep - Simplex | | | N/A | | |
| | Recovery Time | | | | | |
| | FPOT from Off - Simplex | | | | | |
| | Warm-up Time | | | | | |
| B&W Mode | FPOT from Ready - Simplex | 5.40 | 5.49 | 5.97 | 5.62 | 21 Seconds |
| | FPOT from Ready - Duplex | 9.70 | 10.02 | 10.36 | 10.03 | 21 Seconds |
| | FPOT from Sleep - Simplex | | | 21.70 | | 180 Minutes |
| | Recovery Time | | | 15.7 | | |
| | FPOT from Off - Simplex | | | 124.73 | | |
| | Warm-up Time | | | 118.76 | | |

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.

HP Data Table

| Detailed Report: LETTER | | | | | | | |
|-------------------------|--|-----------------|-------------------------|-------------------------|-------------------------|--------------|-------------|
| | | FPOT Avg (secs) | FPOT (secs) Iteration 1 | FPOT (secs) Iteration 2 | FPOT (secs) Iteration 3 | Application | Delay Time |
| Color Mode | FPOT from Sleep | N/A | N/A | N/A | N/A | Adobe Reader | |
| | FPOT from Sleep (60 minutes) HP/Non ISO Test | N/A | N/A | N/A | N/A | Adobe Reader | |
| B&W Mode | FPOT from Sleep | 21.70 | 21.76 | 21.63 | N/A | Adobe Reader | 180 Minutes |
| | FPOT from Sleep (60 minutes) HP/Non ISO Test | 8.70 | 8.42 | 8.97 | N/A | Adobe Reader | 60 Minutes |

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.

| Test System Parameters | | |
|----------------------------|-----------------------|---|
| Item | Value | |
| Test System | 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 DH16aC5HR ATA |
| | I/O Subsystem | Builtin |
| | USB Subsystem | USB 2.0/3.0 |
| Printing Device Connection | TCP/IP | 10/1000 |
| Software | Operating System | Windows 7 Business/Ultimate, 64 bit, Build 7601, SP 1 |
| | Printing Applications | Microsoft Office 2010 SP2 Adobe Reader 10.1.4 |
| | Print Driver | Fusion16_0_Release15168_542-292 |

ISO/IEC 17629 First Print Out Time Report: Office Category

Full Detailed Test Report - A4

HP LaserJet Enterprise MFP M527 Series & LaserJet Managed MFP E52545 Series

| Printing device and settings | | |
|------------------------------|---|--|
| Test Start Date and Time | 8/5/2015 10:57 | |
| Tester | AH | |
| Machine name/model | HP LaserJet Enterprise MFP M527 Series & LaserJet Managed MFP E52545 Series | |
| Colour or B&W | B&W | |
| FW Version | 2306242_531750_20150731 | |
| Configuration (options) | Default | |
| Controller | 1.117 | |
| Printing device page count | Not Specified | |
| Printing supplies page count | Not Specified | |
| Temperature and Humidity | 73 degF / 23 degC 34.4 %rH | |
| Voltage | 110V | |
| Test End Date and Time | 8/12/2015 16:55 | |

| Item | Value |
|-------------------------|--|
| Mode and Setting | PDL and driver version Fusion16_0_Release15168_542-292 |
| Print Quality mode | default |
| B&W settings | default |
| Paper feed orientation | Short Edge |
| Paper | Paper type setting default |
| Paper feeding | Standard cassette |
| Paper exit | Standard exit tray |
| Paper Path | Output orientation default (face up or face down) |

ISO First Page Out Time Summary Report: Office Category

Summary Report: A4

| FPOT from Ready (seconds) | | |
|---------------------------|---------|-------|
| B&W | Simplex | 5.69 |
| | Duplex | 10.31 |

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: A4

| | | Word (seconds) | Excel (seconds) | Adobe Reader (seconds) | Average (seconds) | Delay Time |
|------------|---------------------------|----------------|-----------------|------------------------|-------------------|-------------|
| Color Mode | FPOT from Ready - Simplex | | | | | |
| | FPOT from Ready - Duplex | | | | | |
| | FPOT from Sleep - Simplex | | | N/A | | |
| | Recovery Time | | | | | |
| | FPOT from Off - Simplex | | | | | |
| | Warm-up Time | | | | | |
| B&W Mode | FPOT from Ready - Simplex | 5.45 | 5.60 | 6.02 | 5.69 | 21 Seconds |
| | FPOT from Ready - Duplex | 9.84 | 10.26 | 10.83 | 10.31 | 21 Seconds |
| | FPOT from Sleep - Simplex | | | 21.91 | | 180 Minutes |
| | Recovery Time | | | 15.9 | | |
| | FPOT from Off - Simplex | | | 122.98 | | |
| | Warm-up Time | | | 116.97 | | |

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.

HP Data Table

Detailed Report: A4

| | | FPOT Avg (secs) | FPOT (secs) Iteration 1 | FPOT (secs) Iteration 2 | FPOT (secs) Iteration 3 | Application | Delay Time |
|------------|---|-----------------|-------------------------|-------------------------|-------------------------|--------------|-------------|
| Color Mode | FPOT from Sleep | N/A | N/A | N/A | N/A | Adobe Reader | |
| | FPOT from Sleep (60 minutes) HP/Non ISO Test | N/A | N/A | N/A | N/A | Adobe Reader | |
| B&W Mode | FPOT from Sleep | 21.91 | 21.72 | 22.09 | N/A | Adobe Reader | 180 Minutes |
| | FPOT from Sleep (60 minutes) HP/Non ISO Test | 8.61 | 8.62 | 8.60 | N/A | Adobe Reader | 60 Minutes |

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.

Test System Parameters

| Item | Value | |
|-----------------------------------|-----------------------|---|
| Test System | 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 DH16aC5HR ATA |
| | I/O Subsystem | Builtin |
| | USB Subsystem | USB 2.0/3.0 |
| Printing Device Connection | TCP/IP | 10/1000 |
| Software | Operating System | Windows 7 Business/Ultimate, 64 bit, Build 7601, SP 1 |
| | Printing Applications | Microsoft Office 2010 SP2 Adobe Reader 10.1.4 |
| | Print Driver | Fusion16_0_Release15168_542-292 |

ISO/IEC 29183 Copy Productivity Report

Full Detailed Test Report - LETTER

HP LaserJet Enterprise MFP M527 Series & LaserJet Managed MFP E52545 Series

| Machine Setup Information | |
|---------------------------|---|
| Test Start Date and Time | 8/5/2015 14:22 |
| Tester | AH |
| Machine name/model | HP LaserJet Enterprise MFP M527 Series & LaserJet Managed MFP E52545 Series |
| Colour or B&W | B&W |
| FW Version | 2306242_531750 20150731 |
| Configuration (options) | Not Specified |
| Temperature and Humidity | 73 degF / 23 degC 34.4 %rH |
| Test End Date and Time: | 8/17/2015 13:42 |

| | Pre-set Item | Pre-set Value |
|-----------------------|-------------------------|-----------------------------------|
| Mode | Output Resolution | Default |
| | Output Quality | Default |
| | Copying Mode | Colour for Colour and B&W for B&W |
| | Auto Density Adjustment | Default |
| | Collating function | Set in Control Panel |
| Paper | Paper Sending Direction | Default |
| | Paper Type Setting | Default |
| Paper Path | Paper Feeding | Tray 2 |
| | Paper Exit | Default |
| | Face Up Exit | Default (face down) |
| Temporary Stop | Fixing Capability | Default |
| | Image Quality Stability | Default |
| | Capacity of Paper | Default |
| | Others | None |

| | | |
|--------------|--------------------|---|
| Paper | Paper Manufacturer | HP / Xerox |
| | Paper Weight | 20lb / 75 g/m2 |
| | Paper Size | Letter / A4 |
| | Paper type/name | HP Multipurpose Ultra White / HP Office |

| Summary Report: Letter | | |
|-------------------------------|-------|-------------|
| | sFCOT | sESAT (ipm) |
| B&W | 6.3 | 45.8 |

Notes
First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration and document.

| Detailed Report: LETTER | | | | | | | |
|--------------------------------|---------|--------------|-------------|-------------|---------------------|-------------|------|
| | Target | sFCOT (secs) | sEFTP (ipm) | | | sESAT (ipm) | |
| | | | 1copy | 1copy+30sec | 1copy+4minutes | | |
| B&W | A | 6.09 | 9.85 | 39.95 | 45.08 | 45.92 | |
| | | | | 26 sets | 196 sets | | |
| | B | 6.04 | 9.93 | 40.11 | 45.08 | 45.91 | |
| | | | | 26 sets | 196 sets | | |
| | C | 6.37 | 9.43 | 40.02 | 45.08 | 45.88 | |
| | | | | 26 sets | 196 sets | | |
| | D | 6.45 | 9.31 | 39.89 | 45.08 | 45.84 | |
| | | | | 26 sets | 196 sets | | |
| | Average | | 6.3 | 9.6 | 39.9 | 45.0 | 45.8 |

Notes
First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration and document.

ISO/IEC 29183 Copy Productivity Report

Full Detailed Test Report - A4

HP LaserJet Enterprise MFP M527 Series & LaserJet Managed MFP E52545 Series

| Machine Setup Information | |
|---------------------------|---|
| Test Start Date and Time | 8/5/2015 14:22 |
| Tester | AH |
| Machine name/model | HP LaserJet Enterprise MFP M527 Series & LaserJet Managed MFP E52545 Series |
| Colour or B&W | B&W |
| FW Version | 2306242_531750 20150731 |
| Configuration (options) | Not Specified |
| Temperature and Humidity | 73 degF / 23 degC 34.4 %rH |
| Test End Date and Time: | 8/17/2015 13:42 |

| | Pre-set Item | Pre-set Value |
|-----------------------|-------------------------|-----------------------------------|
| Mode | Output Resolution | Default |
| | Output Quality | Default |
| | Copying Mode | Colour for Colour and B&W for B&W |
| | Auto Density Adjustment | Default |
| | Collating function | Set in Control Panel |
| Paper | Paper Sending Direction | Default |
| | Paper Type Setting | Default |
| Paper Path | Paper Feeding | Tray 2 |
| | Paper Exit | Default |
| | Face Up Exit | Default (face down) |
| Temporary Stop | Fixing Capability | Default |
| | Image Quality Stability | Default |
| | Capacity of Paper | Default |
| | Others | None |

| | | |
|--------------|--------------------|---|
| Paper | Paper Manufacturer | HP / Xerox |
| | Paper Weight | 20lb / 75 g/m2 |
| | Paper Size | Letter / A4 |
| | Paper type/name | HP Multipurpose Ultra White / HP Office |

| Summary Report: A4 | | |
|---------------------------|-------|-------------|
| | sFCOT | sESAT (ipm) |
| B&W | 6.3 | 43.3 |

Notes
 First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration and document.

| Detailed Report: A4 | | | | | | |
|----------------------------|---------|--------------|-------------|-------------|---------------------|-------------|
| | Target | sFCOT (secs) | sEFTP (ipm) | | | sESAT (ipm) |
| | | | 1copy | 1copy+30sec | 1copy+4minutes | |
| B&W | A | 6.19 | 9.69 | 37.80 | 42.54 | 43.31 |
| | | | | 25 sets | 186 sets | |
| | B | 6.26 | 9.58 | 37.87 | 42.54 | 43.37 |
| | | | | 25 sets | 186 sets | |
| | C | 6.23 | 9.62 | 37.81 | 42.54 | 43.37 |
| | | | | 25 sets | 186 sets | |
| | D | 6.19 | 9.70 | 37.88 | 42.54 | 43.38 |
| | | | | 25 sets | 186 sets | |
| | Average | 6.3 | 9.6 | 37.8 | 42.5 | 43.3 |

Notes
 First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration and document.

ISO/IEC 24735 Copy Productivity Report

Full Detailed Test Report - LETTER

| Machine Setup Information | |
|---------------------------|---|
| Test Start Date and Time | 8/17/2015 13:52 |
| Tester | AH |
| Machine name/model | HP LaserJet Enterprise MFP M527 Series & LaserJet Managed MFP E52545 Series |
| Colour or B&W | B&W |
| FW Version | 2306242_531750_20150731 |
| Configuration (options) | Not Specified |
| Temperature and Humidity | 73 degF / 23 degC 34.4 %rH |
| Test End Date and Time: | 8/17/2015 16:48 |
| Pre-set Item | |
| Pre-set Value | |
| Output Resolution | Default |
| Output Quality | Default |
| Copying Mode | Default |
| Auto Density Adjustment | Default |
| Collating function | Activated (if not activated in default mode) |
| Paper Sending Direction | Default |
| Paper Type Setting | Default |
| Paper Feeding | Standard cassette |
| Paper Exit | Standard exit tray |
| Face Up Exit | Default |
| Fixing Capability | Default |
| Image Quality Stability | Default |
| Capacity of Paper | Default |
| Others | Default |
| Paper Manufacturer | HP / Xerox |
| Paper Weight | 20lb / 75 g/m2 |
| Paper Size | Letter / A4 |

| ISO/IEC 24735 Copy Productivity Report | | | | | | |
|--|--------------|-------------|------------|-----------------|------------------|---------------|
| Detailed Report: LETTER | | | | | | |
| | Copying Mode | FSOT (secs) | EFTP (ipm) | | | ESAT (ipm) |
| | | 1 set only | 1 set only | 1 set + 30sec | 1 set + 4min | 1 set + 30sec |
| Color Mode | 1:1 | | (1 set) | | | |
| | 1:2 | | (1 set) | | | |
| | 2:2 | | (1 set) | | | |
| B&W mode | 1:1 | 13.17 | 18.22 | 38.29 8 sets | 44.53 50 sets | 45.49 |
| | 1:2 | 17.77 | 13.48 | 28.30 6 sets | | 37.28 |
| | 2:2 | 18.25 | 13.14 | 28.18 6 sets | | 37.24 |
| Notes | | | | | | |
| Reports located: http://www.hp.com/go/printerclaims | | | | | | |

ISO/IEC 24735 Copy Productivity Report

Full Detailed Test Report - A4

| Machine Setup Information | |
|---------------------------|---|
| Test Start Date and Time | 8/17/2015 13:52 |
| Tester | AH |
| Machine name/model | HP LaserJet Enterprise MFP M527 Series & LaserJet Managed MFP E52545 Series |
| Colour or B&W | B&W |
| FW Version | 2306242_531750 20150731 |
| Configuration (options) | Not Specified |
| Temperature and Humidity | 73 degF / 23 degC 34.4 %rH |
| Test End Date and Time: | 8/17/2015 16:48 |
| Pre-set Item | Pre-set Value |
| Output Resolution | Default |
| Output Quality | Default |
| Copying Mode | Default |
| Auto Density Adjustment | Default |
| Collating function | Activated (if not activated in default mode) |
| Paper Sending Direction | Default |
| Paper Type Setting | Default |
| Paper Feeding | Standard cassette |
| Paper Exit | Standard exit tray |
| Face Up Exit | Default |
| Fixing Capability | Default |
| Image Quality Stability | Default |
| Capacity of Paper | Default |
| Others | Default |
| Paper Manufacturer | HP / Xerox |
| Paper Weight | 20lb / 75 g/m2 |
| Paper Size | Letter / A4 |

| ISO/IEC 24735 Copy Productivity Report | | | | | | |
|--|--------------|-------------|------------|-----------------|------------------|---------------|
| Detailed Report: A4 | | | | | | |
| | Copying Mode | FSOT (secs) | EFTP (ipm) | | | ESAT (ipm) |
| | | 1 set only | 1 set only | 1 set + 30sec | 1 set + 4min | 1 set + 30sec |
| Colour Mode | 1:1 | | (1 set) | | | |
| | 1:2 | | (1 set) | | | |
| | 2:2 | | (1 set) | | | |
| B&W mode | 1:1 | 14.02 | 17.12 | 35.51 7 sets | 42.07 48 sets | 43.22 |
| | 1:2 | 19.52 | 12.30 | 26.92 6 sets | | 35.54 |
| | 2:2 | 18.94 | 12.66 | 26.32 6 sets | | 35.54 |
| Notes | | | | | | |
| Reports located: http://www.hp.com/go/printerclaims | | | | | | |