

ISO/IEC 24734 Printing Productivity Report: Office Category
 ISO/IEC 29183 Copying Productivity Report
 ISO/IEC 17629 First Page Out Time Report

Full Detailed Test Reports
 HP Smart Tank 210 series

| Printing device and test settings | |
|-----------------------------------|----------------------|
| Test Start Date and Time | 08/30/22 12:00:00 AM |
| Tester | Hamizan |
| Machine product number | EQ4L3A |
| Machine name/model | HP Smart Tank 210 |
| FW Version | 2233C |
| Colour or B&W | Color |
| Temperature and humidity | 22.8, 64% |
| Volume | 140 |
| Test End Date and Time | 08/30/22 12:00:00 AM |

| Item | Value |
|---------------------------|--|
| Modes and Settings | |
| Driver version | 37.1.1382 |
| Media / Quality Settings | Standard |
| Simplex (B&W) settings | Black ink only |
| Duplex (B&W) settings | Black ink only |
| Settings by test count | Application |
| Collating function | On |
| Paper Path | |
| Paper sending direction | Default |
| Paper size setting | Default |
| Paper feeding | Standard cassette |
| Paper exit | Standard exit tray |
| Output orientation | Face up, portrait |
| Duplicating ADF Unit | No |
| Duplicating Print Unit | No |
| Paper | |
| Paper Manufacturer | Print HP Copy HP |
| Weight | Print 80 gsm Copy 80 gsm |
| Size | Print A4 Copy A4 |
| Paper type/name | Print HP Everyday Paper Copy HP Everyday Paper |

Summary Reports

| ISO/IEC 24734 | FSOT (seconds) | ESAT (lpm) |
|---------------|----------------|------------|
| Color | 63 | 4 |
| Two Sided | N/A | N/A |
| B&W | 11 | 8 |
| Two Sided | N/A | N/A |

Notes: 1) lpm = 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

| #DIS ISO/IEC 29183 | FCOT (seconds) | sESAT (lpm) |
|--------------------|----------------|-------------|
| Color | N/A | N/A |
| B&W | N/A | N/A |

Notes: 1) lpm = Images Per Minute and is equivalent to ppm or Pages Per Minute

| ISO/IEC 17629 | FPOT From Ready (sec) |
|---------------|-----------------------|
| Color | 21 |
| B&W | 14 |

Notes: 1) For B&W results, black ink only

Full Reports

| ISO/IEC 24734 | Office Category | FCOT (sec) | eFTP (lpm) | | | | sESAT (lpm) |
|---------------|-----------------|------------|------------|-------------------|------------------|------------------|-------------|
| | | | 1 Set | 1 Set+ 30 seconds | 1 Set+ 4 Minutes | 1 Set+ 4 Minutes | |
| Color | Single Sided | PDF | 73.00 | 3.00 | 3.00 | 3.00 | 3.80 |
| | | (# sets) | | | | | |
| | | Word | 36.00 | | | | 9.30 |
| | Two Sided | Excel | 77.00 | | | | 3.50 |
| | | (# sets) | | | | | |
| | | Average | 83 | N/A | N/A | N/A | 8 |
| B&W | Single Sided | PDF | N/A | | | | N/A |
| | | (# sets) | | | | | |
| | | Word | N/A | | | | N/A |
| | Two Sided | Excel | N/A | | | | N/A |
| | | (# sets) | | | | | |
| | | Average | N/A | | | | N/A |
| B&W | Single Sided | PDF | 28.00 | 7.00 | 7.00 | 10.00 | 11.30 |
| | | (# sets) | | | | | |
| | | Word | 26.00 | | | | 14.70 |
| | Two Sided | Excel | 31.00 | | | | 10.80 |
| | | (# sets) | | | | | |
| | | Average | 31 | N/A | N/A | N/A | 12 |
| B&W | Single Sided | PDF | N/A | N/A | N/A | | N/A |
| | | (# sets) | | | | | |
| | | Word | N/A | | | | N/A |
| | Two Sided | Excel | N/A | | | | N/A |
| | | (# sets) | | | | | |
| | | Average | N/A | | | | N/A |

Notes: 1) lpm = 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

| #DIS ISO/IEC 29183 | FCOT (sec) | eFTP (lpm) | | | sESAT (lpm) |
|--------------------|-------------------|------------|---------------------|--------------------|-------------|
| | | 1 Copy | 1 Copy + 30 seconds | 1 Copy + 4 Minutes | |
| Color | Page 1 (# copies) | N/A | N/A | N/A | N/A |
| | Page 2 (# copies) | N/A | N/A | N/A | N/A |
| | Page 3 (# copies) | N/A | N/A | N/A | N/A |
| | Page 4 (# copies) | N/A | N/A | N/A | N/A |
| | Average | N/A | N/A | N/A | N/A |
| Black | Page 1 (# copies) | N/A | N/A | N/A | N/A |
| | Page 2 (# copies) | N/A | N/A | N/A | N/A |
| | Page 3 (# copies) | N/A | N/A | N/A | N/A |
| | Page 4 (# copies) | N/A | N/A | N/A | N/A |
| | Average | N/A | N/A | N/A | N/A |

Notes: 1) lpm = Images Per Minute and is equivalent to ppm or Pages Per Minute

| ISO/IEC 17629 | FPOT from Ready (sec) | FPOT from Sleep (sec) | Recovery Time (sec) | |
|---------------|-----------------------|-----------------------|---------------------|------|
| Color Simplex | PDF | 24.70 | 26.70 | 2.00 |
| | Word | 15.70 | | |
| | Excel | 21.20 | | |
| | Average | 21.00 | | |
| | Delay Time | 80 sec | 120 min | |
| B&W Simplex | PDF | 13.70 | 14.70 | 1.00 |
| | Word | 12.50 | | |
| | Excel | 12.70 | | |
| | Average | 14.00 | | |
| | Delay Time | 80 sec | 120 min | |

Notes: 1) For B&W results, black ink only
 2) FPOT from Sleep Average + FPOT from Ready Average + Recovery Time
 3) Scale content for A4 for 8.5x11 paper sizes set to off for Word and Excel

Test system parameters

| Item | Value |
|-------------------------|---|
| Computer | HP 10 Notebook |
| Processor | Intel Core i5-4210U 1.70GHz |
| System Chip Set | Intel Chipset |
| System Board | Q29A |
| System Memory | 8GB 1600MHz DDR3L |
| Hard drive subsystem | Intel PRO1000 4G Network |
| Video subsystem | Intel HD graphics |
| Optical Drive | HP DVD-RW GJ160N |
| IO subsystem | Realtek |
| USB subsystem | USB 2.0/3.0 |
| IO | Printer Connection |
| Software | Operating System: Microsoft Windows 10 Enterprise |
| Printing Applications | Microsoft Office Word 2016 MSO 64-bit |
| | Microsoft Office Excel 2016 64-bit |
| | Adobe Acrobat Reader DC Version 2016.009.20044 |
| Test Files and location | Office Category files, hard drive |