Full detailed report

(ISO/IEC 24734 Office Category Test)

Model: Epson K301

Printing device and test setting

Test Start Date and Time	2011/1/26 , 10:00 am
Tester	T.Onishi
Color or B/W	Monochrome device
Configuration (Option)	N/A
Temperature and Humidity	22.7℃ / 25.3%
Voltage	Within Rating voltage
Test End Date and Time	2011/1/26 , 2:00 pm

Modes and Settings	Print Quality mode	Default
	B&W settings	N/A
	Setting N set count	Activated (Application, select "count up" or "count down")
	Collating function	Activated (Application, select "collate")
Paper	Paper sending direction	Default
	Paper type setting	Default
Paper path	Paper feeding	Paper cassette
	Paper exit	Front exit tray
	Output orientation	Default (face up)
	Duplexing unit	Default (short edge)

Paper	Manufacturer	Fuji Xerox
	Weight	64g/m2
	Size	A4
	Paper type/Name	PPC/V602

Test system parameters

Test system	Computer	EPSON Direct Endeavor Pro4300
	Processor	Intel Core2Duo E6850
	System Chip Set	Intel P35 Express chipset
	System Board	ASUSTeK: IPIBL-CH BIOS : AMI Version 0121
	System Memory	2GB, 800MHz, DDR2, SanMaxTechnologies p/n(SMD-1G48H1P-8E)×2
	Hard Drive and Subsystem	320GB, (Samsung HD161HJ 160GB 7200rpm)×2 SATA/3000
	Video system	Sapphire Radeon HD2400L/P/RW 256MB dedicated video memory.
	Optical Drive	PLDS DH-48C2S SATA
	I/O Subsystem	USB keyboard and mouse
	USB Subsystem	System board USB controller , USB2.0
Software	Operating System	Microsoft Windows Vista Home Premium Edition
	Printing Application	Adobe Reader 9.0.0
		Microsoft Office Excel2007
		Microsoft Office Word2007
	Print Driver	Ver.1.10
	Test Files Location	Office Category files, hard drive
Printing Device Connection	USB	USB 2.0 Keyboard and mouse were connected.

Application setting deviations from default.

Changing from default.	Excel and Word	"Scale Content for A4 or 8.5 x 11" Paper size" set to off.
	Adobe Reader	"Paper Scaling" set to "None".

Summary Report

Office Category Test		FSOT [seconds]	ESAT [ppm/ipm]
B&W mode	Simplex Average	20	16
	Duplex Average	33	8.0

Notes
1) All printing device and print driver setting were default mode.
2) For the duplex result, the print driver was set to "Auto" in "2-sided printing".

Full Report

Office Category Test			FSOT [seconds]	EFTP [ppm/ipm]			ESAT [ppm/ipm]
				1set test	1set+30 seconds (# sets)	1 set+4 minutes (# sets)	
B&W mode	Simplex	PDF	21	11	13 (3 sets)	14 (16 sets)	15
		Word	17				19
		Excel	22				14
		Average	20				16
	Duplex	PDF	33	7.3	7.5 (2 sets)		7.7
		Word	30				9.0
		Excel	34				7.4
		Average	33				8.0

Notes
1) All printing device and print driver setting were default mode.
2) For the duplex result, the print driver was set to "Auto" in "2-sided printing".