

# Olivetti

## d-Copia 3003MF/3003MF+/3004MF d-Copia 3503MF/3504MF Sales Guide



Models	d-Copia 3003MF	d-Copia 3003MF+	d-Copia 3004MF	d-Copia 3503MF	d-Copia 3504MF
Type	A4 Mono MFP	A4 Mono MFP	A4 Mono MFP	A4 Mono MFP	A4 Mono MFP
Speed	30 ppm	30 ppm	30 ppm	35 ppm	35 ppm
Standard Functionality	Copier / Printer / Colour Scan / Ethernet / Duplex / <b>Platen Cover</b>	Copier / Printer / Colour Scan / Ethernet / Duplex / <b>RADF</b>	Copier / Printer / Colour Scan / Ethernet / Duplex / <b>RADF / Fax</b>	Copier / Printer / Colour Scan / Ethernet / Duplex / <b>RADF</b>	Copier / Printer / Colour Scan / Ethernet / Duplex / <b>RADF / Fax</b>
Optional Functionality	2x 250 sheets / 512MB RAM / Desk / IC Cards	2x 250 sheets / 512MB RAM / Desk / IC Cards	2x 250 sheets / 512MB RAM / Desk / IC Cards	2x 250 sheets / 512MB RAM / Desk / IC Cards	2x 250 sheets / 512MB RAM / Desk / IC Cards
Target	Office Workgroup	Office Workgroup	Office Workgroup	Office Workgroup	Office Workgroup
OEM Kyocera	FS-1030MFP	FS-1030MFP/DP	FS-1130MFP	FS-1035MFP	FS-1135MFP

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# Table of Contents

## 1. Product Introduction

1.1. Product Introduction	3
1.2. Product Concept	4
1.3. UK Market Trends	5

## 2. Main Features

2.1. Differences vs d-Copia 283MF/284MF Legacy Series	6
2.2. Product Configuration	7
2.3. Product Highlights	8
2.3.1. Kinder to the Environment	8
2.3.2. Excellent Media Capability	9
2.3.3. High Productivity	11
2.3.4. USB Host Direct Printing & Scanning	13
2.3.5. Security & I.T.	14
2.4. Printer Driver v5.2	16

## 3. Appendix

3.1. Consumables	17
3.2. What's shipped with the machine?	18
3.2.1. DVD ROM (v1.0) Contents	18
3.3. Weight and Dimensions	20
3.4. The Competition	21
3.5. Awards	22

## 1.1 Product Introduction

### Olivetti updates its range of desktop A4 Mono MFPs

Olivetti launches five new mono A4 MFPs that replace the legacy d-Copia 283MF / d-Copia 284MF series to enrich our offer to SME and small workgroups.

The **d-Copia 3003MF**, **d-Copia 3003MF+** and **d-Copia 3004MF** systems, print and copy at 30 ppm and provide excellent scan functionality. The **d-Copia 3003MF+** and **d-Copia 3004MF** can also boost their scan performance via their standard RADF, scanning up to 35 ipm (mono) and 14 ipm (colour). The systems are kind to the environment too thanks to white-light LEDs for scan and copy functions and Auto Power Off mode, all contributing to lower energy consumption.

All models utilise a powerful 667 MHz processor. The RAM memory can also be boosted to 768 MB with options. The practical Host USB interface enables PDF files to be printed / scanned directly from or to memory sticks. The systems also offer User Authentication via the optional IC Cards which supports MIFARE, HID Prox and LEGIC standards.



To boost office productivity even further, the **d-Copia 3503MF** and **d-Copia 3504MF** systems print and copy at 35 ppm. They also offer much higher toner cartridge yields; this lowers the CPC by up to 50% (which is great news if you are selling on a TCO strategy) and helps to reduce the frequency of cartridge replacement at the machine.



## 1.2 Product Concept

The new models address the following emerging market trends for entry-level A4 Mono MFPs:

- ⊕ Printing speed of A4 MFPs is increasing
- ⊕ User Authentication via IC Card is a growing requirement
- ⊕ Environmental performance is growing in importance
- ⊕ Scanning speed and performance is a top requirement as SMEs begin to digitise all paper documents

### Product Positioning

The new models will play a key role in the Olivetti A4 MFP Mono line-up, not only replacing the best-selling d-Copia 283MF/284MF series but also targeting new customers:

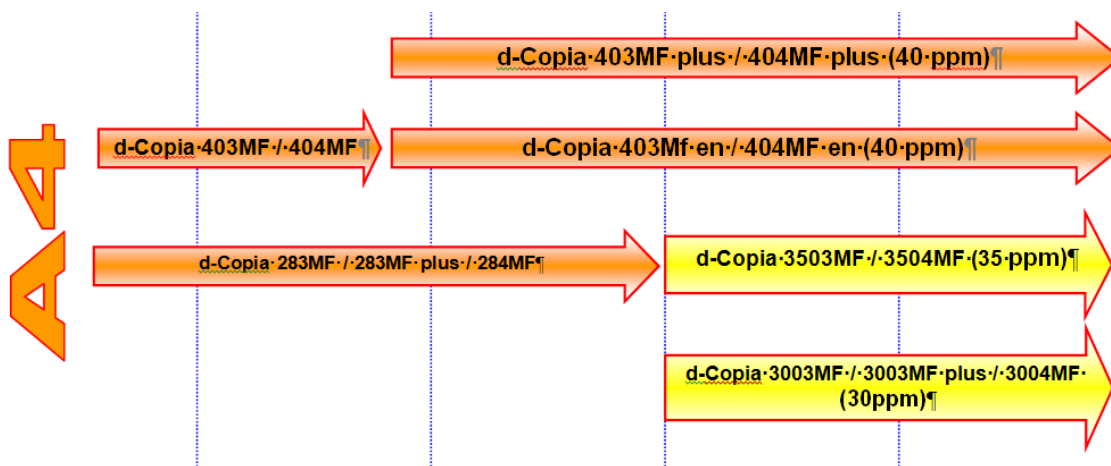
#### d-Copia 3503MF / d-Copia 3504MF

- ⊕ Replacing the legacy d-Copia 283MF/284MF series, by offering a similar **low CPC** and advanced features for small workgroups

#### d-Copia 3003MF / d-Copia 3003MF plus / d-Copia 3004MF

- ⊕ Addressing the needs of cost sensitive users with low page volumes by offering **low hardware price** but a **higher CPC** than d-Copia 3503MF / d-Copia 3504MF

The five new A4 Mono MFPs fit perfectly into the existing A4 Mono MFP product line-up thanks to the same design, driver and security options as other recently introduced A4 models.



## 1.3 UK Market Trends

Olivetti (UK) Limited recently analysed the 2011 vs 2010 unit placement data from infoSource and it indicates that the UK MFP market has grown in 2011. This is a positive sign that we may be seeing the “green shoots” of recovery in what has been a challenging fiscal climate:

- ✦ **UK Colour MFP market grows by 14.51%** in 2011
  - Customers migrating to faster colour speeds
- ✦ UK Mono MFP market declined by just 8.24% in 2011 vs 2010 – the freefall of the mono market post 2008 has therefore slowed
  - **Mono set to make a resurgence in 2012 to 2013** as customers are looking to save costs
  - 5 Year Forecast Prediction – **Mono decline will stabilise** as customers opt for lower priced products during the current fiscal climate
- ✦ Combined **UK Colour and Mono MFP Market grows steadily by 4.98%** showing a small recovery in 2011
- ✦ Colour A4 MFP sales continue to grow vs Colour A3 MFP, although Colour A3 MFP still very dominant
  - 2011 = 18.55% A4 MFP split vs 81.45% A3 MFP
  - 2010 = 13.81% A4 MFP split vs 86.19% A3 MFP
- ✦ Mono A4 MFP vs Mono A3 MFP split remains static
  - 2011 = 37.93% A4 MFP split vs 62.07% A3 MFP
  - 2010 = 36.43% A4 MFP split vs 63.57% A3 MFP



## 2.1 Differences vs d-Copia 283MF/284MF Legacy Series

	Olivetti d-Copia 283MF / 284MF Legacy Series	Olivetti d-Copia 300xMF	Olivetti d-Copia 350xMF
Engine speed	28 ppm (15 ppm duplex)	30 ppm (17 duplex)	35 ppm (17 duplex)
Quick Copy mode	NO	YES	YES
First Print Time	6 sec	6 sec	7 sec
Printing Resolution (dpi)	1,200 x 1,200 dpi	1,800 x 600 dpi	1,200 x 1,200 dpi
Light source for scanner	CCFL	LED	LED
Scanning Speed	20 ipm mono, 7 ipm colour	35 ipm mono 14 ipm colour	35 ipm mono 14 ipm colour
Scanner Driver / protocol	USB TWAIN / USB WIA	Network TWAIN / USB TWAIN / USB WIA	Network TWAIN / USB TWAIN / USB WIA
Private print	NO	YES (with opt. Memory)	YES (with opt. Memory)
Card reader compatibility	NO	YES	YES
Power Consumption (TEC)	283MF: 2,860 kWh/w 283MF plus: 2,998 kWh/w 284MF: 3,182 kWh/w	3003MF: 2,684 kWh/w 3003MF plus: 2,684 kWh/w 3004MF: 3,129 kWh/w	3503MF: 2,851 kWh/w 3504MF: 3,364 kWh/w
Toner: initial / aftermarket	3,600 / 7,200	1,000 / 3,000	3,600 / 7,200
Colour of casing	Beige	Pure white	Pure white
Optional ADF	YES (for d-Copia 283MF)	NO	NO



## 2.2 Product Configuration

Model	Code	Product Description
d-Copia 3003MF	B8874	A4 Multi-function 30 ppm Mono Copier / Printer / Colour Scanner. With standard Duplex (17 ppm). 256MB RAM / 667MHz CPU / PCL6 and KPDL3 (PostScript 3 compatible). 250 sheet paper tray and 50 sheet bypass. Paper tray supports 120 gsm media, duplex supports 105 gsm media and the bypass supports up to 220 gsm media. Interfaces: Ethernet 10/100 Base-TX NIC, USB 2.0 Hi-Speed and Host USB (supports Print-from-USB and Scan-to-USB). Print Resolution 1,800 x 600 dpi. Scan to eMail; FTP; SMB, TWAIN. Scan file formats: PDF; JPEG; TIFF; XPS. 20 Department codes for Printing
d-Copia 3003MF+	B8875	Specification as d-Copia 3003MF with 50 sheets RADF (Document Processor) as standard. RADF Media weight: Simplex scan 50-120 gsm / Duplex scan 50-110 gsm). RADF Scan speed: 35 ipm mono / 14 ipm colour)
d-Copia 3004MF	B8876	Specification as d-Copia 3003MF with 50 sheets RADF (Document Processor) and Super G3 Fax as standard. RADF Media weight: Simplex scan 50-120 gsm / Duplex scan 50-110 gsm). RADF Scan speed: 35 ipm mono / 14 ipm colour)
d-Copia 3503MF	B8877	A4 Multi-function 35 ppm Mono Copier / Printer / Colour Scanner. With standard Duplex (17 ppm) and 50 sheets RADF (Document Processor). 256MB RAM / 667MHz CPU / PCL6 and KPDL3 (PostScript 3 compatible). 250 sheet paper tray and 50 sheet bypass. Paper tray supports 120 gsm media, duplex supports 105 gsm media and the bypass supports up to 220 gsm media. Interfaces: Ethernet 10/100 Base-TX NIC, USB 2.0 Hi-Speed and Host USB (supports Print-from-USB and Scan-to-USB). Print Resolution 1,200 x 1,200 dpi. Scan to eMail; FTP; SMB, TWAIN. Scan file formats: PDF; JPEG; TIFF; XPS. 20 Department codes for Printing
d-Copia 3504MF	B8878	Specification as d-Copia 3503MF with Super G3 Fax as standard
Paper Tray PF-120	B8879	250 sheet Universal Paper Tray (supports media up to 120 gsm). Paper size: A4, A5, B5, Letter, Legal, Custom: 148 x 210 to 216 x 297 mm. Max. of 2 optional trays can be added. Max. paper capacity 800 sheets (3 trays plus bypass)
Cabinet	GBL8099	Wooden Cabinet with storage capacity. Including castors (wheels)
Memory 512MB	B5312	512MB DDR2-DIMM 144 pin print memory. Same memory option for d-Copia 3003MF / 3003MF plus / 3004MF / 3503MF / 3504MF / 403MF-404MF series / MF2603-MF2604 series / P2021-P2026 series
<b>Authentication with ELATEC Card Reader (Activation Kit bundled with Card Reader). Ex stock item - Delivery may take 3-6 weeks from date of order</b>		
Snap-in Holder	B8716	Snap-in Holder to fix the Card Reader to the MFP body (fix with velcro at some convenient location)
USB Card Reader	B8709	USB Card Reader for MIFARE
USB Card Reader	B8710	USB Card Reader for HIDprox
USB Card Reader	B8711	USB Card Reader for iClass
USB Card Reader	B8712	USB Card Reader for LEGIC
USB Card Reader	B8713	USB Card Reader for Multi ISO
USB Card Reader	B8714	USB Card Reader for Multi 125
USB Card Reader	B8715	USB Card Reader for Indytag
<b>Consumables</b>		
<b>d-Copia 3003MF / 3003MF plus / 3004MF Starter Toner: 1,000 pages A4 in accordance with ISO/IEC 19752</b>		
<b>d-Copia 3503MF / 3504MF Starter Toner: 3,600 pages A4 in accordance with ISO/IEC 19752</b>		
Toner Cartridge TK-1130	B1009	Toner Cartridge for d-Copia 3003MF / 3003MF plus / 3004MF. Yield of 3,000 pages (ISO/IEC 19752)
Maintenance Kit MK-1130	B1010	Maintenance Kit for d-Copia 3003MF / 3003MF plus / 3004MF. Yield of 100,000 pages (includes Drum and Developer)
Toner Cartridge TK-1140	B1011	Toner Cartridge for d-Copia 3503MF / 3504MF. Yield of 7,200 pages (ISO/IEC 19752)
Maintenance Kit MK-1140	B1012	Maintenance Kit for d-Copia 3503MF / 3504MF. Yield of 100,000 pages (includes Drum and Developer)

## 2.3 Product Highlights

### 2.3.1 Kinder to the Environment

#### Power key & LED indicator removed

To promote lower energy consumption, the default machine idle time to sleep is shortened to 1 minute. When in sleep, 'Sleeping' is displayed on the screen to help users easily recognise the machine status: The device will recover from sleep by pressing any key



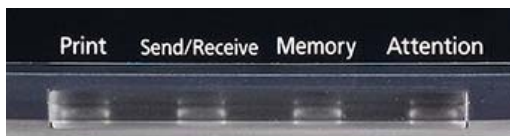
d-Copia Old



d-Copia New



The "Print" and "Send/Receive" LEDs are consolidated into one "Processing" LED  
 → To reduce energy consumption



d-Copia Old



d-Copia New

#### Power switch to front

For easier access



d-Copia Old



## Reduced Printing Noise

Printing in Half-speed Mode (see Section 2.3.2 below for more information) also reduces noise levels when printing:

		Printing in "Full-speed" mode	Printing in "Half-speed" mode
Sound power	30ppm models	67 dB(A)	63 dB(A)
	35ppm models	68 dB(A)	63 dB(A)
Sound pressure	30ppm models	54 dB(A)	49 dB(A)
	35ppm models	55 dB(A)	49 dB(A)

## LED Light Source for the Scanner

The scanner of the new range replaces the traditional CCFL (Cold Cathode Fluorescent Lamp) light source with LED (Light Emission Diode) technology, delivering several significant benefits:

- ☺ Less power consumption is required and less heat is generated
  - Less energy is used helping to reduce your customers energy costs
- ☺ Increased durability and reliability
  - LEDs do not burn a filament, so they tend to last longer than traditional CCFLs
  - LEDs also don't change colour with age as CCFLs can
- ☺ Eco-friendliness
  - No mercury in the cooling tube

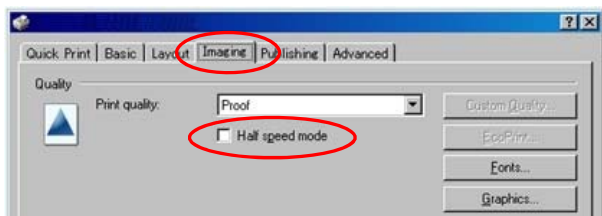
## 2.3.2 Excellent Media Capability

### Half-speed Mode for Heavy Media

The new range is equipped with a Half-speed Mode to improve toner fusing with heavy media such as postcards and thick paper.

Using the latest Printer Driver (ver. 5.3):

- 1 - Select the "Imaging" tab
- 2 - Select the "Half-speed mode" box



The new range offers a standard paper capacity of 250 sheets from the paper tray and 50 sheets from the bypass.

They can be equipped with additional tray options (up to a max. of 2 extra trays) to reach a maximum paper capacity of 800 sheets from 4 different paper sources (50 sheets standard, 250 sheets standard, 2x 250 sheets optional). This level of paper input is a strong selling point versus the competition.

In addition, the thick-paper compatibility of the new devices is also at the top of the class:

	Olivetti d-Copia 3003MF / 3003MF+ / 3004MF	Brother DCP-8085DN MFC-8880DN	HP LaserJet M2727NF MFP	Lexmark X36x series	Ricoh Aficio SP 3410SF	Samsung SCX-4825FN / 4828FN	Samsung SCX-4833FD / 4833FR	Xerox WorkCentre 3220
Document feeder (sheets)	NO / RADF 50	ADF / RADF 50	ADF 50	RADF 50	ADF 35	ADF 50	ADF / RADF 50	ADF 50
Std Tray + bypass (sheets)	250 + 50	250 + 50	250 + 50	250 + 50	250 + 50	250 + 1	250 + 50	250 + 1
Max paper capacity (sheets)	800	550	550	850	550	501	820	501
Paper weight - trays	60 - 120 gsm	60 - 105 gsm	60 - 120 gsm	60 - 90 gsm	52 - 162 gsm	60 - 105 gsm	60 - 163 gsm	60 - 105 gsm
Paper weight - bypass	60 - 220 gsm	60 - 163 gsm	60 - 163 gsm	60 - 163 gsm	60 - 162 gsm	60 - 163 gsm	60 - 220 gsm	60 - 163 gsm
Paper weight - duplex	60 - 105 gsm	60 - 105 gsm	N/A	60 - 90 gsm	60 - 105 gsm	75 - 90 gsm	N/A	75 - 90 gsm
Paper weight - ADF	50 - 120 gsm	N/A	60 - 90 gsm	52 - 120 gsm	N/A	60 - 105 gsm	N/A	60 - 105 gsm

	Olivetti d-Copia 3503MF / 3504MF	Brother DCP-8085DN MFC-8880DN	Canon iR1133/ MF5940DN	Dell 2335dn	HP LaserJet M2727NF MFP	Lexmark X36x series	Samsung SCX-5637FR	Xerox WC 3550X
Document feeder (sheets)	RADF 50	ADF/ RADF 50	RADF 50	RADF 50	ADF 50	RADF 50	RADF 50	60 RADF
Std tray + bypass (sheets)	250 + 50	250 + 50	500+100/250+50	250 + 50	250 + 50	250 + 50	250 + 50	500 + 50
Max paper capacity (sheets)	800	550	1,050 / 800	550	550	850	820	1,050
Paper weight - trays	60 - 120 gsm	60 - 105 gsm	60 - 128 gsm	75 - 90 gsm	60 - 120 gsm	60 - 90 gsm	60 - 163 gsm	60 - 120 gsm
Paper weight - bypass	60 - 220 gsm	60 - 163 gsm	60 - 190 gsm	60 - 90 gsm	60 - 163 gsm	60 - 163 gsm	60 - 220 gsm	60 - 163 gsm
Paper weight - duplex	60 - 105 gsm	60 - 105 gsm	N/A	N/A	N/A	60 - 90 gsm	N/A	N/A
Paper weight - ADF	50 - 120 gsm	N/A	50 - 105 gsm	N/A	60 - 90 gsm	52 - 120 gsm	N/A	50 - 120 gsm

### 2.3.3 High Productivity

#### Higher printing / copying speed

The **d-Copia 3003MF**, **d-Copia 3003MF plus** and **d-Copia 3004MF** systems, print and copy at 30 ppm and the **d-Copia 3503MF** and **d-Copia 3504MF** systems print and copy at 35 ppm, compared to 28 ppm of the legacy d-Copia 283MF/284MF systems.

#### Higher scanning speed

The scan speed of the new range has also been increased from 20 ipm mono / 7 ipm colour of the legacy d-Copia 283MF systems to 35 ipm mono / 14 ipm colour to improve productivity even further.

	Olivetti d-Copia 3003MF / 3003MF+ / 3004MF	Brother DCP-8085DN MFC-8880DN	HP LaserJet M2727 series	Lexmark X36x series	Ricoh Aficio SP 3410SF	Samsung SCX-4825FN / 4828FN	Samsung SCX-4833FD / 4833FR	Xerox WorkCentre 3220
Print speed simplex	30 ppm	30 ppm	26 ppm	33 ppm	28 ppm	24 / 28 ppm	31 ppm	28 ppm
Print speed duplex	17 opm	13 opm	N/A	17 opm	N/A	N/A / 14 opm	15 opm	14 opm
Scan speed (ipm)	35 mono 14 colour	N/A	N/A	21 mono 5 colour	12	20	24	N/A

	Olivetti d-Copia 3503MF / 3504MF	Brother DCP-8085DN MFC-8880DN	Canon iR1133/ MF5940DN	Dell 2335dn	HP LaserJet M2727NF MFP	Lexmark X36x series	Samsung SCX-5637FR	Xerox WC 3550X
Speed simplex	35 ppm	30 ppm	33 ppm	33 ppm	26 ppm	33 ppm	35 ppm	33 ppm
Speed duplex	17 opm	13 opm	N/A	N/A	N/A	17 opm	15 opm	N/A
Scan speed (ipm)	35 mono 14 colour	N/A	28 mono 9 colour	N/A	N/A	21 mono 5 colour	24	33

#### Quick Copy mode

This mode is used to print an additional copy of a document that has already been printed. If a document is printed with **“Proof and Hold”** selected in the printer driver, the document will be simultaneously stored on the RAM disk. The required number of copies can then be printed whenever needed from the operation panel. Up to 50 documents can be stored on the RAM disk, if more documents than the maximum are stored, the oldest job will be overwritten each time a new job is received.

**Note:** When the machine power is turned off, jobs stored in this mode are erased.

**Note:** It is highly recommended that the optional memory expansion is added to the MFP



### Very Fast First Print / Copy Time

A fast first print / copy time is very important, particularly for those customers who print single page documents such as invoices and receipts and need them printed fast. It is also a key feature for office workgroups, where multi-users want access to their documents quickly and efficiently. The new models' first print / copy time sets the benchmark for this product segment:

	Olivetti d-Copia 3003MF / 3003MF+ / 3004MF	Brother DCP-8085DN / MFC-8880DN	HP LaserJet M2727 series	Lexmark X36x series	Ricoh Aficio SP 3410SF	Samsung SCX-4825FN / 4828FN	Samsung SCX-4833FD / 4833FR	Xerox WorkCentre 3220
First Copy Time (sec.)	6.9 / 7.9 / 7.9	10.5	N/A	8.5	12	10	12	11
First Print Time (sec.)	6	8.5	10	7	8	9.5 / 8.5	6.5	8.5

	Olivetti d-Copia 3503MF / 3504MF	Brother DCP-8085DN / MFC-8880DN	Canon iR1133 / MF5940DN	Dell 2335dn	HP LaserJet M2727NF MFP	Lexmark X36x series	Samsung SCX-5637FR	Xerox WC 3550X
First Copy Time (sec.)	7.9	10.5	8	8.5	N/A	8.5	10	10
First Print Time (sec.)	7	8.5	N/A	8.5	10	7	6.5	8.5

**Powerful Processing** - The new range offers a top-class 667 MHz processor for high productivity and one of the largest standard / optional memory capabilities for this product segment:

	Olivetti d-Copia 3003MF / 3003MF+ / 3004MF	Brother DCP-8085DN / MFC-8880DN	HP LaserJet M2727 series	Lexmark X36x series	Ricoh Aficio SP 3410SF	Samsung SCX-4825FN / 4828FN	Samsung SCX-4833FD / 4833FR	Xerox WorkCentre 3220
Device memory (std.)	256 MB	64 MB	64 MB	128 MB	128 MB	128 MB	128 / 256 MB	128 MB
Device memory (max)	768 MB	576 MB	320 MB	128 MB	128 MB	384 MB	384 / 768 MB	384 MB
Processor clock	667 MHz	300 MHz	450 MHz	266 MHz	N/A	N/A	360 / 600 MHz	360 MHz
Continuous copy	1 - 999	1 - 99	1 - 99	1 - 999	1 - 99	1 - 99	1 - 99	1 - 99

	Olivetti d-Copia 3503MF / 3504MF	Brother DCP-8085DN / MFC-8880DN	Canon iR1133 / MF5940DN	Dell 2335dn	HP LaserJet M2727NF MFP	Lexmark X36x series	Samsung SCX-5637FR	Xerox WC 3550X
Device memory (std.)	256 MB	64 MB	256 MB	128 MB	64 MB	128 MB	256 MB	256 MB
Device memory (max)	768 MB	576 MB	256 MB	384 MB	320 MB	128 MB	768 MB	512 MB
Processor clock	667 MHz	300 MHz	300 MHz	366 MHz	450 MHz	266 MHz	600 MHz	360 MHz
Continuous copy	1 - 999	1 - 99	1 - 99	1 - 199	1 - 99	1 - 999	1 - 99	1-999

### 2.3.4 USB Host Direct Printing & Scanning

The new range supports both Direct Printing from USB Memory Pendrive and Scan-to-USB Memory Pendrive. These functions are particularly useful for:

- ⊕ Customers that are not office based who do not have a connection to the network
- ⊕ Customers who do not have access to the printer driver
- ⊕ Customers who want to prevent others from viewing personal or classified information



The USB host interface is located at the front of the device, for easy access.

File formats including PDF, TIFF and XPS can be printed from the USB Memory Pendrive. The USB file names are displayed on the operation panel (up to 3 sub-folders may be displayed). It is then possible to select the desired file for printing.

File formats including PDF, JPEG, TIFF and XPS can be stored to USB Memory Pendrive using the scan-to-USB operation. Up to 100 files can be saved.

**Note: The USB interface can be blocked for any customers concerned about security**

The following list of USB Host Memories have been evaluated and have been found to be compatible with the new range of MFPs. However, the controller chips embedded inside the USB Host Memories may change over time to the ones already evaluated, so this compatibility list is published only as a guideline:

Manufacturer	Capacity	Series	Model
SanDisk	128 MB	Cruzer mini	SDCZ2-128-J65A
	256 MB	Cruzer mini	SDCZ2-256-J65A
	512 MB	Cruzer mini	SDCZ2-512-J65A
	1 GB	Cruzer mini	SDCZ2-1024-J65A
	4 GB	Cruzer colors+	SDCZ23-004G-J65B
	8 GB	Cruzer Blade	SDCZ50-008G-P95
Buffalo	64 MB	RUF-CL/U2	RUF-C64ML/U2
	128 MB	RUF-CL/U2	RUF-C128ML/U2
	256 MB	RUF-CL/U2	RUF-C256ML/U2
	512 MB	RUF-CL/U2	RUF-C512ML/U2
	4 GB	RUF2-KL-BK	RUF2-K4GL-BK
	8 GB	YUF	YUF-8G-WH
I-O DATA	128 MB	TB-M	TB-M128
	256 MB	TB-M	TB-M256
	512 MB	TB-M	TB-M512
	1 GB	TB-M	TB-M1281G
	4 GB	TB-ET	TB-ET4G/K
	8 GB	TB-NT	TB-NT8G/W
Transcend	64 MB	Jet Flash 2.0	TS64MJF2B
	128 MB	Jet Flash 2.0	TS128MJF2B
	256 MB	Jet Flash 2.0	TS256MJF2B
	512 MB	Jet Flash 2.0	TS512MJF2B
	1 GB	Jet Flash 2.0	TS1GJF2B
	4 GB	Jet Flash V10	TS4GJFV10
	8 GB	Flash Elite	TS8GJF300

## 2.3.5 Security & I.T.

### IPv6 Gold Logo

The new range has earned the Gold IPv6 Ready Logo as they support the next generation of internet protocols IPv6, which includes encryption IP and IPSec support.



### Private Print (Secure Print)

The new A4 Mono MFPs offer a Private Print function so important documents such as Human Resource information can be printed in a secure environment. With Private Print, a print job is saved in the MFP's RAM disk memory until the user enters the same 4 digit password into the MFP operator panel as the one entered into the Printer Driver when they sent the original job.

**Note: To use the Private Print feature with the new d-Copia 3003MF, d-Copia 3003MF+, d-Copia 3004MF, d-Copia 3503MF and d-Copia 3504MF, the optional memory expansion must be added to the MFP**

**Note: 512MB of RAM will store approximately 128 pages (based on storing a standard A4 document at 600 dpi)**

### USB Card Readers

USB Card Readers can guarantee a high level of security for authentication and access control. The authentication through a card is available as an embedded feature that can be activated with a suitable kit that is bundled with the optional Card Readers:

- ⊕ Users can authenticate at the MFP to retrieve their print output, maximising document security and confidentiality
- ⊕ The Company print policies (who is allowed to print / copy for example) can be implemented for all functions
- ⊕ Output can be accounted for by department / user

The use of existing Company cards for the controlled access to buildings / canteens / vending machines may be extended (depends on the card type) for the authentication to the MFPs:

- ⊕ Customers don't need to remember an additional PIN number or use a different card when accessing the MFP



A comprehensive number of card reader models are available for compatibility to the most commonly used card standards:

USB Card Readers	Random Code	Notes
USB Card Reader compliant to <b>MIFARE</b> standard	B8709	Each card reader type is in alternative to all the others that are available
USB Card Reader compliant to <b>HID prox</b> standard	B8710	
USB Card Reader compliant to <b>iClass</b> standard	B8711	
USB Card Reader compliant to <b>LEGIC</b> standard	B8712	
USB Card Reader compliant to <b>Multi ISO</b> standard	B8713	
USB Card Reader compliant to <b>Multi 125</b> standard	B8714	
USB Card Reader compliant to <b>Indytag</b> standard	B8715	
<b>Snap-in holder</b> for USB card reader (to fix the USB card reader to the MFP)	B8716	

A snap-in holder is also available to fix the card reader to the MFP body.

For more information, please refer to the IC Card Reader Mini Sales Guide which has been prepared to explain in more detail the set-up and installation procedures – Released July 2011.



## Network TWAIN

The new A4 Mono MFPs can now perform scan jobs via network TWAIN, which is very important when the MFP is shared in a small workgroup. They can also scan through local TWAIN / WIA as with the previous d-Copia 283MF/284MF series.

## Network and Security Features

The new A4 Mono MFPs support various network and security needs:

- ⊕ LDAP protocols and connectivity with address book on LDAP server
- ⊕ IPv6 network protocol for customers who want to achieve scalability
- ⊕ SSL data encryption for customer information printed or scanned over the network
- ⊕ Encryption technology with IPSec protocol to prevent tampering with IP packet data
- ⊕ Private Print (see page 14) and Network User Authentication with USB Card Reader (see page 14) to further enhance network security

## 2.4 Printer Driver v5.2

Printer Driver 5.2 is based on the previous Printer Driver 5.1 and 5.0 releases, but has been developed with added functionality. The following table lists **generic** functionality across a broad range of MFP products, therefore, not all of this functionality\* is applicable to the new A4 Mono MFP range and is listed here for information only:

	Printer Driver 5.2 (Apr 2011-)	Printer Driver 5.1 (Feb 2010-)	Printer Driver 5.0 (Sep 2008-)
Full Bleed Printing*	New – Requires A3 machine with 12" x 18" capability		
Banner Printing*	New – Requires machine able to support 1,220 mm via the bypass		
Five EcoPrint Levels	New		
Bi-fold / Tri-fold support*	New – Requires Finisher		
User Login Client support	Upgrade	<<<	
Operating System Compatibility	Windows XP, Vista, 7, Server 2003, 2008, and 2008R2	Windows 2000, XP, Vista, 7, Server 2003, 2008 and 2008R2	Windows 2000, XP, Vista, Server 2000, 2003, 2008
Print Preview	Yes	<<< ("Printer Driver 5.1 SW)	
Customisable Quick Print Tab	Yes	<<< ("Printer Driver 5.1 SW)	
Application Based Profile	Yes	<<< ("Printer Driver 5.1 SW)	
GUI Lock settings	Yes	<<< ("Printer Driver 5.1 SW)	
Smart Duplex	Yes	<<< ("Printer Driver 5.1 SW)	
Skip Blank Page	Yes	<<< ("Printer Driver 5.1 SW)	
Quick Print Tab	Yes	<<<	<<< ("Printer Driver 5.0 SW)
Colour Optimiser*	Yes – Requires Colour MFP	<<<	<<< ("Printer Driver 5.0 SW)
Printed Document Guard	Yes	<<<	<<< ("Printer Driver 5.0 SW)
PDF Print & Save	Yes	<<<	<<< ("Printer Driver 5.0 SW)

## 3.1 Consumables

The new A4 Mono MFPs offer the well-known long-life technology of the Maintenance Kit which includes the drum and developer. The first Maintenance Kit is supplied with each machine and has a life of 100,000 pages. Therefore, toner is the only consumable the customer needs to replace, thereby maximising the up-time availability of the MFP for the end user.

The new MFPs adopt the same award winning technology as the legacy d-Copia 283MF / d-Copia 284MF legacy series, which earned excellent results from BLI (Buyers Laboratory) in a 10,000 image reliability test. They won the Certificate of Reliability and Highly Recommended Award, in addition to the Pick of the Year Award in the Summer of 2010.\*

**\*Note: BLI tested the equivalent Kyocera Mita model FS-1128MFP, which corresponds to the Olivetti d-Copia 284MF**

### Starter Toner

d-Copia 3003MF/3003MF plus/3004MF: Approx. 1,000 pages (ISO/IEC 19752)

d-Copia 3503MF/3504MF: Approx. 3,600 pages (ISO/IEC 19752)

**Note: The Starter Toner is also used to initialise the machine, therefore the real page yield isn't guaranteed**

### Replacement Consumables

#### Toner

d-Copia 3003MF/3003MF plus/3004MF: Approx. 3,000 pages (ISO/IEC 19752)

d-Copia 3503MF/3504MF: Approx. 7,200 pages (ISO/IEC 19752)

#### Maintenance Kit

Yield: Approx. 100,000 pages.

Contents:

- ⊕ Drum unit
- ⊕ Development unit

**Note: The Maintenance Kit can be replaced once in the life of the devices, so the engine life of the MFPs is 200,000 pages**

**Note: Although all five new models are equipped with a 100,000 life drum, the Maintenance Kit for d-Copia 3003MF/3003MF plus/3004MF and the one for d-Copia 3503MF/3504MF are different**

## 3.2 What's shipped with the machine?

### Package Contents

The content of the **main unit** carton box includes the following:

- ⊕ 1 MFP device
- ⊕ 1 Operator Panel Face-sheet (English) installed on the device
- ⊕ Operator panels in Italian, French, German, Spanish, Portuguese, Dutch, Russian available as spare items
- ⊕ Warning Labels in Italian, French, German, Spanish, Portuguese, Dutch, Russian
- ⊕ DVD-Rom with Drivers, Operation guides (20 languages), Utilities
- ⊕ 1 Power cord
- ⊕ 1 Quick Installation Guide (22 languages)
- ⊕ 1 generic Safety Guide (6 languages)
- ⊕ 1 multi-language WEEE sheet
- ⊕ Printed CE declaration in English, Italian and Spanish
- ⊕ Starter toner cartridge
  - d-Copia 3003MF/3003MF plus/3004MF: Approx. 1,000 pages (ISO/IEC 19752)
  - d-Copia 3503MF/3504MF: Approx. 3,600 pages (ISO/IEC 19752)

**Note: No printed product manuals are available**

### 3.2.1 DVD ROM (v1.0) Contents

#### **d-Copia 3003MF/3003MF plus/3004MF/3503MF/3504MF User Guide**

Available in AR, CZ, DE, DK, EN, ES, FI, FR, GR, HEB, HU, IT, NL, NO, PL, PT, RO, RU, SV, TR

#### **d-Copia 3004MF/3504MF Fax User Guide**

Available in AR, CZ, DE, DK, EN, ES, FI, FR, GR, HEB, HU, IT, NL, NO, PL, PT, RO, RU, SV, TR

#### **Network Fax Driver User Guide**

Available in English

#### **Network Print Monitor User Guide**

Available in English

#### **Printing System Driver User Guide**

Available in English

#### **Network Tool for Direct Printing User Guide**

Available in English

#### **Embedded Web Server User Guide**

Available in English

## Printer Drivers

- ⊕ **Windows PCL generic mini-driver (ver. 4.0) for Windows 2000/Server 2000**
- ⊕ **Windows KPDL (PostScript compatible) generic driver (ver. 8.4) for Windows 2000/Server 2000**
- ⊕ **Windows PCL mini driver (ver. 1.0) for XP/Server 2003/Server 2008/Server 2008R2/Vista/7** available in English, French, German, Italian, Spanish, Portuguese
- ⊕ **Windows KPDL (PostScript compatible) mini-driver (ver. 8.4) for XP/Server 2003/Server 2008/Server 2008R2/Vista/7** available in English, French, German, Italian, Spanish, Portuguese
- ⊕ **Windows XPS driver (ver. 1.2.1327g) for Windows Vista/7/Server 2008/Server 2008R2**
- ⊕ **Windows Printing System driver, generic (ver. 5.1.1405e2) for Windows 2000/Server 2000**
- ⊕ **Windows Printing System driver (ver. 5.2.1327g) for Windows XP/Server 2003/ Server 2008/Server 2008R2/Vista/7**
- ⊕ **MAC OSX PCL driver** available in English, French, German, Italian, Spanish, Portuguese
- ⊕ **MAC OSX KPDL (PostScript compatible) mini-driver** available in English, French, German, Italian, Spanish, Portuguese

## Network Fax Driver (ver. 3.7.1904) - for d-Copia 3004MF/3504MF only

- ⊕ **Windows XP/Server 2003/Server 2008/Vista/7** in English

## USB TWAIN driver (ver. 1.8.1928)

- ⊕ **Windows XP/Server 2003/Server 2008/Server 2008R2/Vista/7** in English

## USB WIA driver (ver. 1.4.3330)

- ⊕ **Windows Server 2008/Server 2008R2/Vista/7** in English

## Utilities

- ⊕ **Network Print Monitor (ver. 5.3.1922)** for Windows XP/Vista/7/Server 2003/Server 2008/ Server 2008R2, available in English, French, German, Italian, Spanish, Portuguese, Dutch, Russian
- ⊕ **Quick Network Setup (ver. 2.0.7)** for Windows XP/Vista/7/Server 2003, available in English, French, German, Italian, Spanish, Portuguese, Dutch
- ⊕ **Network Tool for Direct Printing** for Windows XP/Vista/7/Server 2003/ Server 2008/ Server 2008R2, available in English, French, German, Italian, Spanish, Portuguese, Dutch
- ⊕ **Status Monitor (ver. 4.2.1018)** for Windows XP/Vista/7/Server 2003/ Server 2008/ Server 2008R2, available in English, French, German, Italian, Spanish, Portuguese, Dutch, Danish, Finnish, Norwegian, Swedish, Czech, Hungarian, Polish, Romanian, Greek, Russian, Turkish, Arabic, Hebrew, Catalan

### 3.3 Weight and Dimensions

Item	MAIN BODY		PACKAGING	
	Dimension (W x D x H)	Weight	Dimension (W x D x H)	Weight
d-Copia 3003MF	494 x 410 x 366 mm	15 kg	618 x 547 x 528 mm	22 kg
d-Copia 3003MF plus	494 x 430 x 448 mm	18 kg	618 x 547 x 590 mm	25 kg
d-Copia 3004MF	494 x 410 x 366 mm	18 kg	618 x 547 x 590 mm	25 kg
d-Copia 3503MF	494 x 430 x 448 mm	18 kg	618 x 547 x 590 mm	25 kg
d-Copia 3504MF	494 x 430 x 448 mm	18 kg	618 x 547 x 590 mm	25 kg
Paper feeder (PF-120)	375 x 390 x 100 mm	3.5 kg	486 x 468 x 214mm	N/A
Toner 3003-4MF (3K)	277 x 80 x 95 mm	0.435	283 x 86 x 106 mm	N/A
Toner 3503-4MF (7.2K)	277 x 80 x 95 mm	0.435	283 x 86 x 106 mm	N/A
M.Kit 3003-4MF (100K)			488 x 406 x 228 mm	4 kg
M.Kit 3503-4MF (100K)			488 x 406 x 228 mm	4 kg





### 3.4 The Competition

A competitor database is available from your Account Manager which compares the specification of A4 Mono MFPs in the UK market. The name of the database file is:

A4 Mono MFP Competitor Analysis-UK-0412

The products compared in the database are from the following brands:

- ⊕ Brother
- ⊕ Canon
- ⊕ Dell
- ⊕ Epson
- ⊕ HP
- ⊕ Konica Minolta
- ⊕ Kyocera Mita
- ⊕ Lexmark
- ⊕ Oki
- ⊕ Panasonic
- ⊕ Ricoh
- ⊕ Sagemcom
- ⊕ Samsung
- ⊕ Sharp
- ⊕ Xerox

A	B	C	D	E	F	G	H	I	J
<b>Olivetti</b>									
1	Olivetti d-Copia 3003MF	Olivetti d-Copia 3003MF	Olivetti d-Copia 3004MF	Olivetti d-Copia 3503MF	Olivetti d-Copia 3504MF	Olivetti d-Copia 403MFen	Olivetti d-Copia 404MFen	Olivetti d-Copia 403MF plus	Olivetti d-Copia 404MF plus
2	LAUNCH MARCH 2012	LAUNCH MARCH 2012	LAUNCH MARCH 2012	LAUNCH MARCH 2012	LAUNCH MARCH 2012	FEBRUARY 2012	FEBRUARY 2012	JANUARY 2012	JANUARY 2012
3	C + P + S + D + N	C + P + S + RADF + D + N	C + P + S + F + RADF + D + N	C + P + S + RADF + D + N	C + P + S + F + RADF + D + N	C + P + c.SD + RADF + D + N	C + P + c.SD + F + RADF + D	C + P + c.SD + RADF + D + N	C + P + c.SD + F + RADF + D
4	2 x250-sh trays, memory	2 x250-sh trays, memory	2 x250-sh trays, memory	2 x250-sh trays, memory	2 x250-sh trays, memory	3x500-sh trays, 512MB memory, card readers	3x500-sh trays, 512MB memory, card readers	3x500-sh trays, 512/1024MB memory, ThinPrint support, card readers	3x500-sh trays, 512/1024MB memory, ThinPrint support, card readers
5	Technology	LASER	LASER	LASER	LASER	LASER	LASER	HYPAS + JAWS	HYPAS + JAWS
6	Max Original/Paper Size	A4	A4	A4	A4	A4 (70x148 to 216x356 mm)	A4 (70x148 to 216x356 mm)	A4 (70x148 to 216x356 mm)	A4 (70x148 to 216x356 mm)
7	Doc. Feeder (sheets)	RADF 50	RADF 50	RADF 50	RADF 50	RADF 50	RADF 50	RADF 50	RADF 50
8	Std. Paper + Bypass	250 + 50	250 + 50	250 + 50	250 + 50	500 + 100	500 + 100	500 + 100	500 + 100
9	Max paper capacity	800	800	800	800	2100	2100	2100	2100
10	Output paper tray (sh)	150	150	150	150	500	500	500	500
11	Paper weight	Trays: 60 - 120 gsm Bypass: 60 - 220 gsm Duplex: 60 - 105 gsm	Trays: 60 - 120 gsm Bypass: 60 - 220 gsm Duplex: 60 - 105 gsm	Trays: 60 - 120 gsm Bypass: 60 - 220 gsm Duplex: 60 - 105 gsm	Trays: 60 - 120 gsm Bypass: 60 - 220 gsm Duplex: 60 - 105 gsm	Trays: 60 - 120 gsm Bypass: 60 - 220 gsm Duplex: 60 - 105 gsm	Trays: 60 - 120 gsm Bypass: 60 - 220 gsm RADF: 50-120 (50-110 duplex) Duplex: 60 - 120 gsm	Trays: 60 - 120 gsm Bypass: 60 - 220 gsm RADF: 50-120 (50-110 duplex) Duplex: 60 - 120 gsm	Trays: 60 - 120 gsm Bypass: 60 - 220 gsm RADF: 50-120 (50-110 duplex) Duplex: 60 - 120 gsm
12	Duplex	standard	standard	standard	standard	standard	standard	standard	standard
13	Finishing options	NO	NO	NO	NO	NO	NO	NO	NO
14	Device memory	256 MB (max 768MB)	256 MB (max 768MB)	256 MB (max 768MB)	256 MB (max 768MB)	256 MB (max 768MB)	256 MB (max 768MB) -NO	256 MB (max 768MB) -NO	1024 MB (max 1048 MB)
15	Hard Disk	NO	NO	NO	NO	NO	NO	NO	NO
16	Dimensions (w x d x h)	494 x 410 x 366 mm	494 x 430 x 448 mm	494 x 430 x 448 mm	494 x 430 x 448 mm	494 x 430 x 448 mm	494 x 497 x 545 mm	494 x 497 x 545 mm	494 x 497 x 567 mm
17	Weight	15 kg	18 kg	18 kg	18 kg	18 kg	25.8 kg	25.8 kg	26.7 kg
18	Warmup time	20 sec	20 sec	20 sec	20 sec	20 sec	22 sec power on	22 sec power on	22 sec power on
19	Power Consumption (Kw)	max 1018W, print 480W, ready 78W, sleep 8W - TEC 2,684 kWh/yr	max 1031W, print 480W, ready 78W, sleep 8W - TEC 2,684 kWh/yr	max 1035W, print 482W, ready 83, sleep 10,6W - TEC 3,129 kWh/yr	max 1035W, print 497W, ready 80W, sleep 8W - TEC 2,851 kWh/yr	max 1037W, print 502W, ready 84W, sleep 10,6W - TEC 3,364 kWh/yr	1048W max, 677W print, 96W ready, 73 powersave, 6.9W sleep - TEC 3,121 kWh/yr	1048W max, 677W print, 88W ready, 75 powersave, 10.6W sleep - TEC 3,293 kWh/yr	1058W max, 642W print, 93W ready, 15.4W sleep - TEC 4,414 kWh/yr
20	Acoustic noise	Loam: print 54 dBA, ready 30 LwAd: print 67 dB, ready 47	Loam: print 54 dBA, ready 30 LwAd: print 67 dB, ready 47	Loam: print 54 dBA, ready 30 LwAd: print 67 dB, ready 47	Loam: print 55 dBA, ready 30 LwAd: print 68 dB, ready 47	Loam: print 55 dBA, ready 30 LwAd: print 68 dB, ready 47	Loam: 55 dBA copy, 30 ready LwAd: 6.7B copy, 4.4 ready	Loam: 55 dBA copy, 30 ready LwAd: 6.7B copy, 4.4 ready	Loam: 55 dBA copy, 32 ready LwAd: 6.7B copy, 4.5 ready
21	Display	5 lines x 21 char LCD	5 lines x 21 char LCD	5 lines x 21 char LCD	5 lines x 21 char LCD	5 lines x 21 char LCD	5 lines x 21 char LCD	5 lines x 21 char LCD	4.3" colour touch panel
22	Ecology	STANDARD MONO	STANDARD MONO	STANDARD MONO	STANDARD MONO	STANDARD MONO	STANDARD MONO	STANDARD MONO	STANDARD MONO
23	COPIERS								
24	Copying Speed BW	30 cpm	30 cpm	30 cpm	35 cpm	35 cpm	40 cpm (10 ppm duplex)	40 cpm (10 ppm duplex)	40 cpm (10 ppm duplex)

## 3.5 Awards

At Olivetti, we take our responsibility for protecting the environment very seriously. That's why we're constantly working to reduce the devices' environmental footprint whilst improving their efficiency.

The new d-Copia 3003MF / d-Copia 3003MF plus / d-Copia 3004MF / d-Copia 3503MF / d-Copia 3504MF were built to ensure minimum environmental impact during every stage of their life-cycle.

**CE:** Many products seeking entry into the European Union must comply with the European Directives and bear the CE Marking. The CE Marking is the manufacturer's self-declaration, showing compliance with all applicable directives.

**GS:** The German safety approval mark shows conformity with the German Equipment Safety Law. It is a recognised mark for electrical products, such as office equipment, household appliances and industrial equipment, and is widely accepted throughout Europe. The TÜV GS Mark signals to the buyer, customer and consumer that the product, as well as the user manual and production process, has been tested by an authorised institution such as TÜV and is supported by regular surveillance audits.

**ROHS:** Regulations implement EU Directive 2002/95 which bans the placing on the EU market of new electrical and electronic equipment containing more than agreed levels of lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE) flame retardants.

**Energy Star:** is an international standard for [energy efficient](#) in [consumer](#) products originated in the United States of America



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Product performances are referred to as appropriate use under optimal conditions.

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The support and availability of the listed specifications and functions may vary depending upon operating systems, applications, network protocols as well as network and system configurations.

All information relating to specification and accessories is subject to change without notice.

Olivetti does not guarantee that any specifications mentioned will be error free.