



Océ CS231

Colour looks better



Entry level colour printer/copier/scanner/fax for your office

Colour capabilities add impact, focus and readability to documents. The Océ CS231 lets you add colour printing, copying, scanning and (optional) faxing to your office or workgroup. The system delivers excellent colour quality, extensive media handling capabilities, and integrated and optional finishing. Its elegant design with small footprint complements every office. The Océ CS231 adheres to strict environmental and security standards, with data transmission, access and storage security and compliance with Blue Angel, EPA Energy Star and RoHS standards.

General

System type

Multifunctional full-colour laser printer/
copier/scanner/fax

Printing technology

Tandem-type indirect electrophotographic
system, polymerised toner, no fuser oil

Characteristics

Print speed A4

- Colour up to 45 ppm
- Black & white up to 45 ppm
- Single pass auto duplex (no speed loss)

Print speed A3

- Colour up to 23 ppm
- Black & white up to 23 ppm
- Single pass auto duplex (no speed loss)

Print resolution

Equivalent to 1,800 × 600 dpi

Print functions

- Direct printing of PCL, PS; TIFF and (Encrypted) PDF files
- Mixmedia and mixplex
- 'Easy Set' job programming
- Overlay and watermark printing

- Copy protection
- Colour detection
- Automatic recognition and separate counting of colour and black & white prints

Monthly duty cycle

Recommended 15,000, maximum 40,000

Operation

- Large colour LED touch screen, tiltable in 4 directions, large touch screen keyboard, thumbnail document viewing
- Uniform printer driver interface for PostScript and PCL
- User Box
- Finger vein print access
- USB printing



Digital User Box

- User Box functionality: reprint, combination, download, sending (email, FTP, SMB and fax), copy box to box
- Maximum User Boxes: 1,000
- Storable documents: up to 3,000 documents or 9,000 pages
- Type of User Boxes: Public, Personal (with password or authentication), Group (with authentication)
- Type of System Boxes: Secure Print, Encrypted PDF, Fax Receiving, Fax Polling

Media input capacity

- Standard 5 paper trays 3,650 A4 sheets (including bypass tray)
- Maximum 6,650 sheets

Media sizes and weights

- Tray 1 and 2: 500 sheets A5-A3+, 64-256 g/m²
- Tray 3: 1,500 sheets A4, 64-256 g/m²
- Tray 4: 1,000 sheets A4, 64-256 g/m²
- Bypass tray: 150 sheets A6-A3+, custom sizes (long paper 1,200 × 297 mm), 64-300 g/m²
- Large capacity cabinet (optional): 3,000 sheets A4, 64-256 g/m²

Output capacity

- 1,200 embedded finisher with additional tray
- 3,100 with booklet finisher

System memory

1,024 MB

System hard disk

60 GB

Network capabilities

Embedded controller

- Next generation Emperon™
- Interfaces: 10/100/1000Base-T Ethernet
- LDAP support
- Network protocols: TCP/IP, IPX/SPX, NetBEUI, AppleTalk (EtherTalk), SMB, LPD, IPP, SNMP, HTTP
- Page description languages: PCL 5e/XL (PCL 6), PostScript 3 emulation

Optional EFI Fiery controller

- Intel Celeron® 2.8 Ghz
- 80 GB hard disk
- Interfaces: 10/100/1000Base-T Ethernet, USB 2.0
- LDAP support
- Page description languages: PCL 6c (PCL 5c + XL3.0), Adobe PostScript 3
- Software: Command Workstation, DocBuilder, FreeForm, Color Wise, Pro Tools

Operating systems

- Microsoft Windows® 2000/XP/XP64, Vista 32/64, Server 2000/2003/2003-x64
- Apple MacOS® 9.x/10.x
- UNIX
- Linux
- Citrix

Scanning and copying

Scan/copy resolution

600 × 600 dpi

Scan speed

- Colour up to 70 opm (300 dpi via document feeder)
- Black & white up to 70 opm (300 dpi via document feeder)

Scan modes

- Network TWAIN scan
- Scan-to-email
- Scan-to-FTP
- Scan-to-SMB
- Scan-to-Box

File formats

JPEG, TIFF, PDF, Compact PDF, Encrypted PDF

Scan destinations

2,100 (single + group), LDAP support

Scan functions

- Annotation (text/time/date) for PDF
- Up to 400 job programs

Document feeder

- Up to 100 originals
- A6-A3, 35-210 g/m² simplex and 50-128 g/m² duplex

Magnification

- 25-400% in 0.1% increments
- Auto-zooming

Copy functions

- Chapter, cover and page insertion
- Proof copy
- Adjustment test print
- Digital art
- Job recall
- Job setting memory
- Poster mode
- Overlay
- Stamping
- Copy protection

Faxing (optional)

Super G3 fax kit

- Transmission: Analogue, i-Fax, IP-Fax, SIP-Fax
- Resolution: maximum 600 × 600 dpi (ultra-fine)
- Compression: MH, MR, MMH, JBIG
- Modem: up to 33.6 Kbps
- Back-up memory: 128 MB
- Destinations: 2,100 (single + group)
- Functions: polling, time shift, PC-fax, receipt to confidential box, receipt to email/FTP/SMB, programming up to 400 jobs
- Optional: Dual Fax Line module

Miscellaneous

Security

- ISO 15408 EAL3
- IP filtering and port blocking
- SSL2, SSL3 and TLS1.0 network communication
- IPsec support
- User authentication, authentication log, Secure Print
- Hard disk overwrite (8 standard types)
- Hard disk data encryption (optional)
- Memory data auto-deletion
- Confidential fax receiving

Physical characteristics

650 × 777 × 1,150 (W × D × H, mm)

System weight

Approx. 190 kg

Power consumption

- 220-240 V / 50-60 Hz; 2.0 kW or less
- System will be adapted to local electrical requirements

Ecological characteristics

- Low noise level
- Low ozone emission: 1.06 mg/h
- Warm-up time: <12 seconds
- First copy output time: 6.5 seconds for colour, 4.8 seconds for black & white
- Product designed for future recycling
- Improved toner production process: 25% reduction of hazardous substances
- Certifications: EPA Energy Star, Blue Angel, RoHS

Optional finishing

| Modules | Embedded Finisher | Booklet Finisher | Staple Finisher (50 sheets) | Punch Kit |
|--|-------------------|------------------|--------------------------------|-----------|
| Functions | | | | |
| Shift sorting | ■ | ■ | ■ | - |
| Offset stacking (sets of 111, 222, 333 or 3 x 123) | ■ | ■ | ■ | - |
| Corner stapling | ■ | ■ | ■ | - |
| 2-Point stapling | ■ | ■ | ■ | - |
| 2-Hole punching | * | - | - | ■ |
| 4-Hole punching | * | - | - | ■ |
| Centre stapling/folding | - | ■ | - | - |
| V-folding | - | ■ | - | - |
| Centre stapling | * | ■ | ■ | - |
| Z-folding | - | - | - | - |
| Letter folding | - | ■ | - | - |
| Cover inserting | - | - | - | - |
| Mail bin addressing | * | - | - | - |
| Banner printing | ■ | - | - | - |

* = Optional feature

The Punch Kit is compatible with the Booklet Finisher and the Staple Finisher.



Printing for Professionals

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