

C2230
C2225

Product Specifications



Main Unit

System Type

Color Digital Multifunction Imaging System

Functions

Standard: Copy, Print (UFR II), Scan, Send
Optional: Print (PCL, Adobe® PostScript® 3™), Fax (Up to 2 Lines)

Operation Panel

7" WVGA Full-Color TFT Screen

Memory

Standard: 2 GB RAM
Maximum: 2 GB RAM

Hard Disk Drive

Standard: 80 GB
Maximum: 80 GB

Network Interface Connection

Standard: 1000Base-T/100Base-TX/10Base-T
Optional: Wireless LAN (IEEE 803.1x via third-party adapter)

Other Interface

Standard: USB 2.0 (Host) x 2, USB 2.0 (Device)
Optional: Device Port [USB 2.0 (Host) x 2], Copy Control Interface

Copy/Print Speed (BW/Color)

Letter: **C2230:** Up to 30/30 ppm
C2225: Up to 25/25 ppm
Legal/ 11" x 17": Up to 15 ppm

First-Copy-Out Time (Letter)

As fast as 5.9 Seconds (BW), 8.9 Seconds (Color)

Paper Sources (20 lb. Bond)

Standard: One 520-sheet Paper Cassette
One 550-sheet Paper Cassette
100-sheet Stack Bypass
Optional: Dual 550-sheet Paper Cassettes
Maximum: 2,270 Sheets

Output Paper Capacity (20 lb. Bond)

Standard: 250 Sheets (Inner Tray)
Maximum: 3,000 Sheets (w/Staple Finisher)

Output Paper Sizes

Cassette 1: 11" x 17", Letter, Executive
Cassettes 2/3/4: 12" x 18", 11" x 17", Legal, Letter, Letter-R, Statement, Executive, Custom Size (5-1/2" x 7-1/8" to 12" x 15-3/8")
Bypass: 12" x 18", 12-5/8" x 17-11/16", 11" x 17", Legal, Letter, Letter-R, Statement, Statement-R, Executive, Custom Size (3-7/8" x 5-1/2" to 12-5/8" x 18")
Other: Envelope Feeder Attachment (COM10 No.10, Monarch, DL, ISO-C5)*
Options:

Acceptable Paper Weights

Cassette 1: 17 lb. Bond to 32 lb. Bond (64 to 120 g/m²)
Cassettes 2/3/4: 17 lb. Bond to 60 lb. Cover (64 to 163 g/m²)
Bypass: 17 lb. Bond to 80 lb. Cover (64 to 220 g/m²)

Duplexing

Paper Size: Standard Automatic Trayless Duplexing (Executive to 12" x 18")
Paper Weights: 17 lb. Bond to 32 lb. Bond (120 g/m²)

Special Media Support

Tracing, Coated, Labels, Transparency, and Envelopes

Warm-up Time

From Power On: 34 Seconds
From Sleep: 10 Seconds
Quick Startup
Mode: Within 7 Seconds**

Power Requirements/Plug

120 V AC, 60 Hz, 7.5 A/NEMA 5-15P

Power Consumption

Maximum: 1.5 kW
Sleep Mode: 0.8 W

Dimensions (H x W x D)

36-1/2" x 22-1/4" x 26-3/4" (928 mm x 565 mm x 680 mm)

Installation Space (W x D)

33-3/8" x 26-3/4" (846 mm x 680 mm)
(when the Multi-purpose Tray is extended.)

Weight

Approx. 198 lb. (90 kg)*

Toner (Estimated Yield @ 5% Coverage)

Black: 23,000 Images, Color (C,M,Y): 19,000 Images

Image Reader Unit

Scan Resolution

Up to 600 x 600 dpi

Acceptable Originals (Glass)

Sheet, Book, 3-Dimensional objects [up to 4.4 lb. (2 kg)]

Maximum Original Size

Up to 11" x 17"

Document Feeder

Scan Method

Duplex Automatic Document Feeder

Acceptable Originals

Paper Sizes: 11" x 17", Legal, Letter, Letter-R, Statement, or Statement-R
Paper Weights: 1-sided scanning: 11 lb. Bond to 34 lb. Bond (42 to 128 g/m²)
2-sided scanning: 13 lb. Bond to 34 lb. Bond (50 to 128 g/m²)

Scan Speed (BW/Color; Letter)

Simplex: Up to 51/51 ipm (300 dpi)
Up to 30/30 ipm (600 dpi)
Duplex: Up to 19/19 ipm (300 dpi)
Up to 13/13 ipm (600 dpi)

Paper Capacity (20 lb. Bond)

50 Sheets

Main Unit (continued)

Copy Specifications

Multiple Copies

1 to 999

Copy Exposure

Automatic or Manual (9 Levels)

Magnification

25% - 400% (1% Increments) from Platen Glass
25% - 200% (1% Increments) from Document Feeder

Preset Reductions

25%, 50%, 64%, 73%, 78%

Preset Enlargements

121%, 129%, 200%, 400%

Basic Copy Features

Preset R/E Ratios by Area, Finishing, Two-Sided, Exposure Adjustment, Original Type Selection, Interrupt Mode, Sample Set, Setting Confirmation/Cancel, Standard Keys, Reset, Guide Display, Job Duration Display, Reserved Copying

Special Copy Features

Two-page Separation, Cover/Sheet Insertion, Booklet, Transparency Interleaving, Shift, Margin, Frame Erase, Image Combination, Different Size Original, Job Build, Job Done Notice, Scan Image Check, Mode Memory, Recall, Negative/Positive Inversion, Image Repeat, Mirror Image, Sharpness, Secure Watermark, Page Numbering, Copy Set Numbering, Watermark and Date

Print Specifications

Processor

Canon Dual Custom Processor (Shared)

Memory

Standard: 2 GB RAM

Maximum: 2 GB RAM

Hard Disk Drive

Standard: 80 GB

Maximum: 80 GB

Engine Resolution

1200 x 1200 dpi

PDL Support

Standard: UFR II

Optional: PCL 5c, PCL 6, Adobe PS 3

Print Driver Supported OS

UFR II, PCL 5c/6, Adobe PS 3:

Windows® (Windows XP/Windows Vista®/Windows 7/Server 2003/Server 2008/Server 2008 R2/Windows 8/Server 2012/Small Business Server 2011), Windows Terminal Servers (Server 2003/Server 2008/Server 2008 R2/Server 2012), Small Business Server 2011, Windows Clustering Server (Windows Server 2003/Server 2008/Server 2008 R2/Server 2012), Citrix (Presentation Server 4.5, XenApp 5.0/6.0/6.5, XenDesktop 4.0/5.0/5.5/6), Macintosh® (OSX 10.5.8 or later, UFR II and PS 3 Only), VMware (vSphere 4/5/5.1), SAP (PS and PCL Only)

Direct Print Support

Standard: TIFF, JPEG

Optional: PDF, EPS¹, XPS¹¹

Print Features

Suspend Job Timeout, Subset Finishing (PS only), Profile Settings, Secured Print, Watermark, Page Border, Header/Footer, Page Layout, Two-sided Printing, Collating, Booklet Printing, Grouping, Mixed Paper Sizes/Orientations, Offsetting, Printing on Transparencies, Front/Back Covers, Black-and-White Printing, Objective, Color/Black-and-White Auto Detect, Toner Reduction, Poster Printing

Scan Specifications

Network TWAIN Scan

Standard

Network Scan Utility

Color Network ScanGear

Universal Send Specifications

Sending Method

E-Mail, I-Fax, File Server (FTP, SMB, WebDAV), Super G3 Fax (Optional)

Color Mode

Auto Color Select (Color, Gray), Auto Color Select (Color, Black), Full Color, Grayscale, BW

Scan Resolution

600 x 600 dpi, 400 x 400 dpi, 300 x 300 dpi, 200 x 400 dpi, 200 x 200 dpi, 200 x 100 dpi, 150 x 150 dpi, 100 x 100 dpi

Address Book Capacity

Max. 1,800 Destinations (Incl. 200 One-Touch Buttons)

Communication Protocol

File: FTP (TCP/IP), SMB (TCP/IP), WebDAV

E-mail/I-Fax: SMTP, POP3, I-FAX (Simple, Full)

File Format

Standard: TIFF, JPEG, PDF, PDF (Compact), PDF (Apply Policy), PDF (Optimize for Web), PDF/XPS (OCR), PDF/A-1b, XPS, XPS (Compact), OOXML (OCR) (.pptx)

Optional: PDF (Trace & Smooth), PDF (Encrypted), PDF/XPS (Digital Signature), PDF (Reader Extensions)

I-Fax Data Format

Color: TIFF (MH, MR, MMR)

BW: TIFF (MH, MR, MMR)

Universal Send Features

Two-Sided Original, Different-size Originals, Original Type Selection, Book to Two Pages, Density Adjustment, Sharpness, Document Name, Copy Ratio, Erase Frame, Job Build, Delayed Send, Preview, Finished Stamp, Job Done Notice, File Name, Subject/Message, Reply-to, Sender's Name (TTI), E-Mail Priority

Fax Specifications

Maximum Number of Connection Lines

2

Modem Speed

Super G3: 33.6 Kbps

G3: 14.4 Kbps

Compression Method

MH, MR, MMR, JBIG

Resolution

400 x 400 dpi, 200 x 400 dpi, 200 x 200 dpi, 200 x 100 dpi

Sending/Recording Size

Statement to 11" x 17"

Fax Features

Job Forwarding, Different-size Originals, Adjusting Overall Density for Scanning, Sharpness, Copy Ratio, Erase Frame, Job Build, Specifying the Sender's Name (when sending fax), Selecting the Telephone Line (when sending fax), Delayed Send, Preview, Finished Stamp, Job Done Notice, Original Type Selection, Two-sided Original, Book to Two Pages

Store Specifications

Memory Media

Standard: USB Memory

Optional: SD, SDHC, CompactFlash, Memory Stick, Microdrive

Security Specifications

Standard

Department ID Management, Single Sign On-H, Access Management System (Device and Function Level Log-in), Secured Print, Trusted Platform Module, IPV6, Restricting Features (Restricting the Send Function, Restricting New Addresses on Address Book), SSL Encrypted Communication, SNMPv1/v3, MAC/IP Address Filtering, SMTP Authentication, POP Authentication before SMTP, HDD Format, HDD Initialize (Up to 9x), HDD Erase (Up to 3x), HDD Lock, HDD Data Erase Scheduler, IPsec, Adobe® LiveCycle® Rights Management ES2.5 Integration

Optional

Removable HDD, HDD Encryption, HDD Mirroring, Encrypted Secure Print, Encrypted PDF, Document Scan Lock, Secure Watermark, IEEE 2600.1 Common Criteria Certification▲

Environmental Information

ENERGY STAR® Qualified

Rated EPEAT Silver

EU RoHS Compliant

Ecomark

Blue Angel

WEEE Directive

Optional Accessories

Paper Supply Options

Cassette Feeding Unit-AF1

Paper Capacity: 550 Sheets x 2 Cassettes [20 lb. Bond (80 g/m²)]

Acceptable Paper Weight: 17 lb. Bond to 60 lb. Cover (64 to 163 g/m²)

Acceptable Paper Size: 12" x 18", 11" x 17", Legal, Letter, Letter-R, Statement-R, Executive, and Custom Size [5-1/2" x 7-1/8" to 12" x 18" (139.7 mm x 182 mm to 304.8 mm x 457.2 mm)]

Power Source/
Maximum Power

Consumption: From the Main Unit/Approximately 30 W

Dimensions 9-3/4" x 22-1/4" x 25-5/8"
(H x W x D): (248 mm x 565 mm x 650 mm)

Weight: Approximately 61 lb. (27.5 kg)

Envelope Feeder Attachment-D1*

Paper Capacity: 50 Sheets (or 30 mm in height)

Acceptable Paper Size: COM10 No.10, Monarch, DL, ISO-C5

Feeding Speed: 10 cpm

Dimensions 3-1/4" x 17-1/4" x 12-1/8"
(H x W x D): (81 mm x 439 mm x 307 mm)

Weight: Approximately 2.6 lb. (1.2 kg)

Output Options

Inner 2-way Tray-F1

Number of Trays: 2

Total Output Capacity: **Top Tray:** 250 Sheets (20 lb. Bond)
Lower Tray: 100 Sheets (20 lb. Bond)

Acceptable Paper Weight: 17 lb. Bond to 80 lb. Cover (64 to 220 g/m²)

Acceptable Paper Size: 12" x 18", 12-5/8" x 17-11/16", 11" x 17", Legal, Letter, Letter-R, Statement, Statement-R, Executive, Custom Size [3-7/8" x 5-1/2" to 12-5/8" x 18" (99 mm x 139.7 mm to 320 mm x 457.2 mm)], and Envelopes

Dimensions 3" x 16-3/4" x 16"
(H x W x D): (76 mm x 427 mm x 407 mm)

Weight: Approximately 1.3 lb. (574 g)

Optional Accessories (continued)

Output Options (continued)

Inner Finisher-F1

Number of Trays: Up to 2 Trays (With Inner Finisher Additional Tray-A1)

Total Output Capacity: **Without Inner Finisher Additional Tray-A1**
750 Sheets

With Inner Finisher Additional Tray-A1
Top Tray: 100 Sheets (Letter)
Lower Tray: 350 Sheets (Letter)

Acceptable Paper Weight: 17 lb. Bond to 80 lb. Cover (64 to 220 g/m²)

Acceptable Paper Size: 12" x 18", 11" x 17", Legal, Letter, Letter-R, Statement, Statement-R, Executive, Custom Size [3-7/8" x 5-1/2" to 12-5/8" x 18" (99 mm x 139.7 mm to 320 mm x 457.2 mm)], and Envelopes

Staple Positions: **Corner Stapling** (11" x 17", Legal, Letter, Letter-R)
Double Stapling (11" x 17", Legal, Letter, Letter-R)

Maximum Stapling Capacity: **Letter:**
50 Sheets (17 to 21 lb. Bond)
30 Sheets (22 to 28 lb. Bond)
2 Sheets (29 lb. Bond to 80 lb. Cover)
11" x 17", Legal, and Letter-R:
30 Sheets (17 to 21 lb. Bond)
20 Sheets (22 to 28 lb. Bond)
2 Sheets (29 lb. Bond to 80 lb. Cover)

Paper Capacity of Staple Mode: **Top Tray:** 15 Sets (or 3/8" in height)
Lower Tray: 30 Sets (or 3-3/4" in height)

Type of Staple: Staple-J1 (5,000 x 3)

Power Source/ Maximum Power Consumption: From the Main Unit/Approximately 40 W

Dimensions (H x W x D): 10-1/4" x 27-1/2" x 21-1/4"
[260 mm x 700 mm x 540 mm (When the Auxiliary Tray is extended)]

Weight: Approximately 31 lb. (14 kg) (when Inner Finisher Additional Tray-A1 is attached)

Staple Finisher-M1*

Number of Trays: 2

Total Output Capacity: **Top Tray:** 1,300 Sheets (Letter, Statement-R, Executive) 650 Sheets (11" x 17", Legal, Letter-R)
Lower Tray: 1,700 Sheets (Letter, Statement-R, Executive) 650 Sheets (11" x 17", Legal, Letter-R)

Acceptable Paper Weight: 17 lb. Bond to 80 lb. Cover (64 to 220 g/m²)

Acceptable Paper Size: 12" x 18", 12-5/8" x 17-11/16", 11" x 17", Legal, Letter, Letter-R, Statement, Statement-R, Executive, Custom Size [3-7/8" x 5-9/16" to 12-5/8" x 18" (99 mm x 139.7 mm to 320 mm x 457.2 mm)], and Envelopes

Staple Positions: **Corner Stapling:** (11" x 17", Legal, Letter, Letter-R, Executive)
Double Stapling: (11" x 17", Legal, Letter, Letter-R, Executive)

Staple Finisher-M1 (continued)

Maximum Stapling Capacity: **Letter and Executive:**
50 Sheets (18 to 22 lb. Bond) (64 to 82 g/m²)
30 Sheets (22 to 28 lb. Bond) (83 to 105 g/m²)
2 Sheets (29 lb. Bond to 80 lb. Cover) (106 to 220 g/m²)
11" x 17", Legal, and Letter-R:
30 Sheets (18 to 22 lb. Bond) (64 to 82 g/m²)
20 Sheets (22 to 28 lb. Bond) (83 to 105 g/m²)
2 Sheets (29 lb. Bond to 80 lb. Cover) (106 to 220 g/m²)

Paper Capacity of Staple Mode: **Top Tray:** 1,300 Sheets/30 Sets (Letter, Executive), 650 Sheets/30 Sets (11" x 17", Legal, Letter-R)
Lower Tray: 1,700 Sheets/30 Sets (Letter, Executive), 650 Sheets/30 Sets (11" x 17", Legal, Letter-R)

Type of Staple: Staple-J1 (5,000 x 3)

Power Source/ Maximum Power Consumption: From the Main Unit/Approximately 84 W

Dimensions (H x W x D): 43-1/4" x 26-1/2" x 25-1/2"
[1097 mm x 673 mm x 647 mm (When the Auxiliary Tray is extended)]

Weight: Approximately 101 lb. (46 kg)

Booklet Finisher-M1*

Number of Trays: 2

Total Output Capacity: **Top Tray:** 1,300 Sheets (Letter, Statement-R, Executive) 650 Sheets (11" x 17", Legal, Letter-R)
Lower Tray: 1,700 Sheets (Letter, Statement-R, Executive) 650 Sheets (11" x 17", Legal, Letter-R)

Acceptable Paper Weight: 17 lb. Bond to 80 lb. Cover (64 to 220 g/m²)

Acceptable Paper Size: 12" x 18", 12-5/8" x 17-11/16", 11" x 17", Legal, Letter, Letter-R, Statement, Statement-R, Executive, Custom Size [3-7/8" x 5-9/16" to 12-5/8" x 18" (99 mm x 139.7 mm to 320 mm x 457.2 mm)], and Envelopes

Staple Positions: **Corner/Double Stapling:** (11" x 17", Legal, Letter, Letter-R, Executive)
Saddle-Stitch: (11" x 17", Legal, Letter-R)

Maximum Stapling Capacity: **Letter and Executive:**
50 Sheets (18 to 22 lb. Bond) (64 to 82 g/m²)
30 Sheets (22 to 28 lb. Bond) (83 to 105 g/m²)
2 Sheets (29 lb. Bond to 80 lb. Cover) (106 to 220 g/m²)
11" x 17", Legal, and Letter-R:
30 Sheets (18 to 22 lb. Bond)
20 Sheets (22 to 28 lb. Bond)
2 Sheets (29 lb. Bond to 80 lb. Cover)

Paper Capacity of Staple Mode: **Top Tray:** 1,300 Sheets/30 Sets (Letter, Executive), 650 Sheets/30 Sets (11" x 17", Legal, Letter-R)
Lower Tray: 1,700 Sheets/30 Sets (Letter, Executive), 650 Sheets/30 Sets (11" x 17", Legal, Letter-R)

Maximum Saddle-Stitch Capacity: 16 Sheets (14 to 20 lb. Bond)
10 Sheets (22 to 28 lb. Bond)

Paper Capacity of Saddle-Stitch Mode: 25 Booklets (5-sheet Booklets)

Type of Staple: Staple-J1 (5,000 x 3)
Staple Cartridge-D3 (2,000 x 3)

Power Source/ Maximum Power Consumption: From the Main Unit/Approximately 118 W

Dimensions (H x W x D): 43-1/4" x 31" x 25-7/8"
[1097 mm x 786 mm x 656 mm (When the Auxiliary Tray is extended)]

Weight: Approximately 165 lb. (75 kg)

Other Optional Accessories

- Cabinet Type-D
- Utility Tray-A2
- USB Keyboard
- Universal Keyboard Stand-A1
- Copy Card Reader-F1
- Convenience Stapler-B1
- Universal Send Advanced Feature Set-F1
- Universal Send Security Feature Set-D1
- Super G3 FAX Board-AH2
- Super G3 2nd Line Fax Board-AH1
- Remote FAX Kit-A1
- Barcode Printing Kit-D1
- Web Access Software-H1
- USB Device Port-E2
- Multimedia Reader/Writer-A2
- Copy Control Interface Kit-A1
- iR-ADV Security Kit-D1 for IEEE 2600.1 Common Criteria Certification*

* Can be set to Cassette 2 only.

** If "Quick Startup Settings for Main Power" is set to ON, it takes 7 seconds until the key operation on the touch panel display is available after turning on the main power.

†† Includes consumables.

††† EPS can be printed directly only from Remote User Interface.

†††† XPS cannot be printed directly from the Web Access software.

* Requires Cassette Feeding Unit-D1. Cannot be installed with Cabinet Type-D.

▲ Specified configurations and settings need to be applied to the device in order to achieve and maintain IEEE 2600.1 Common Criteria Certification. Contact your Canon Authorized Dealer for more information.

NOTE: Some accessories require additional equipment or may be prerequisites for other options. Some accessories cannot be installed simultaneously. Check with your Canon Authorized Dealer for details.



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