Canon

C2230
C2225

Product Specifications

imageRUNNER ADVANCE
C2230 shown

Booklet Finisher-M1

Staple Finisher-M1

Inner Finisher-F1
with Inner Finisher
Additional Tray-A1

Inner 2-Way
Tray-F1

Cassette Feeding
Unit-AF1

Utility Tray-A2

Copy Tray-J1

Cabinet Type-D

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: 2GB RAM
Maximum: 2GB RAM

Hard Disk Drive
Standard: 80GB
Maximum: 80GB

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)
BW: 5.9 Seconds, Color: 8.9 Seconds

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")
Paper Deck: N/A
Other   Envelope Feeder Attachment (COM10 No.10,
Options: Monarch, DL, ISO-C5)*

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

Duplexing
Paper Size: Standard Automatic Trayless Duplexing
               (Executive to 12" x 18")
Paper Weights:17 lb. Bond to 32 lb. Bond (120g/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
120V AC, 60Hz, 7.5A/NEMA 5-15P

Power Consumption
Maximum: 1.5kW
Sleep Mode: 0.8W

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

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

Weight
Approx. 198 lb. (90kg)†

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. (2kg)]

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 128g/m²)
               2-sided scanning: 13 lb. Bond to 34 lb. Bond
               (50 to 128g/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: 2GB RAM
Maximum: 2GB RAM

Hard Disk Drive
Standard: 80GB
Maximum: 80GB

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, Adobe PS 3:
Windows® (Windows 2000/XP/Server 2003/Server 2008/ Windows Vista®/Windows 7), Citrix MetaFrame, MacIntosh® (OS X 10.2.8 or later)
PCL 5c/6:
Windows (Windows 2000/XP/Server 2003/Server 2008/ Windows Vista/Windows 7), Citrix MetaFrame

Direct Print Support
Standard: TIFF, JPEG
Optional: PDF, EPS††, XPS†††

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, 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

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 (80g/m²)]
Acceptable
Paper Weight: 17 lb. Bond to 60 lb. Cover (64 to 163g/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" (139.7mm x 182mm to 304.8mm x 457.2mm)]
Power Source/
Maximum Power
Consumption: From the Main Unit/Approximately 30W
Dimensions 9-3/4" x 22-1/4" x 25-5/8"
(H x W x D): (248mm x 565mm x 650mm)
Weight: Approximately 61 lb. (27.5kg)

Envelope Feeder Attachment-D1**

Paper
Capacity: 50 Sheets (or 30mm 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): (81mm x 439mm x 307mm)
Weight: Approximately 2.6 lb. (1.2kg)

Output Options

Inner 2-way Tray-F1

Number of
Trays: 2
Total Output **Top Tray:** 250 Sheets (20 lb. Bond)
Capacity: **Lower Tray:** 100 Sheets (20 lb. Bond)
Acceptable 17 lb. Bond to 80 lb. Cover (64 to 220g/m²)
Paper Weight:
Acceptable 12" x 18", 12-5/8" x 17-11/16", 11" x 17", Legal, Letter,
Paper Size: Letter-R, Statement, Statement-R, Executive, Custom Size [3-7/8" x 5-1/2" to 12-5/8" x 18" (99mm x 139.7mm to 320mm x 457.2mm)], and Envelopes
Dimensions 3" x 16-3/4" x 16"
(H x W x D): (76mm x 427mm x 407mm)
Weight: Approximately 1.3 lb. (574g)

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 220g/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" (99mm x 139.7mm to 320mm x 457.2mm)], 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 40W
Dimensions (H x W x D):	10-1/4" x 27-1/2" x 21-1/4" [260mm x 700mm x 540mm (When the Auxiliary Tray is extended)]
Weight:	Approximately 31 lb. (14kg) (when Inner Finisher Additional Tray-A1 is attached)

Staple Finisher-M1

Number of Trays:	2
Total Output Capacity:	3,000 Sheets (Letter, Statement-R, Executive)
	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 220g/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 x 139.7mm to 320mm x 457.2mm)], 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 82g/m²) 30 Sheets (22 to 28 lb. Bond) (83 to 105g/m²) 2 Sheets (29 lb. Bond to 80 lb. Cover) (106 to 220g/m²) **11" x 17", Legal, and Letter-R:** 30 Sheets (18 to 22 lb. Bond) (64 to 82g/m²) 20 Sheets (22 to 28 lb. Bond) (83 to 105g/m²) 2 Sheets (29 lb. Bond to 80 lb.Cover) (106 to 220g/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 84W
Dimensions (H x W x D):	43-1/4" x 26-1/2" x 25-1/2" [1097mm x 673mm x 647mm (When the Auxiliary Tray is extended)]
Weight:	Approximately 101 lb. (46kg)

Booklet Finisher-M1

Number of Trays:	2
Total Output Capacity:	3,000 sheets (Letter, Statement-R, Executive)
	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 220g/m²)
Acceptable Paper Size:	12" x 18", 12-5/8" x 17-11/16", 11" × 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 x 139.7mm to 320mm x 457.2mm)], 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 82g/m²) 30 Sheets (22 to 28 lb. Bond) (83 to 105g/m²) 2 Sheets (29 lb. Bond to 80 lb. Cover) (106 to 220g/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 118W
Dimensions (H x W x D):	43-1/4" x 31" x 25-7/8" [1097mm x 786mm x 656mm (When the Auxiliary Tray is extended)]
Weight:	Approximately 165 lb. (75kg)

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. Can not install Envelope Feeder Attachment and Tab Feeding Attachment at same time.

** 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 cannot be printed directly from the Web Access software.

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

▪ Not available at time of launch.

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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