

PRODUCT SPECIFICATIONS



Main Unit

Type

Color Laser Multifunctional

Core Functions

Print, Copy, Scan, Send, Store, Fax

Processor

Canon Dual Custom Processor (Shared)

Control Panel

10.1" TFT LCD WSVGA Color Flat-panel

Memory

3.0 GB RAM

Hard Disk Drive

250 GB

Interface Connection

Network: 1000Base-T/100Base-TX/10Base-T,
Wireless LAN (IEEE 802.11 b/g/n)

Others

Standard: USB 2.0 x1 (Host), USB 3.0 x1 (Host),
USB 2.0 x1 (Device)

Optional: Serial Interface, Copy Control Interface

Paper Capacity (LTR, 20 lb. Bond)

Standard: 650 Sheets

Maximum: 2,300 Sheets

Paper Sources (LTR, 20 lb. Bond)

Standard: 550-sheet Paper Cassette, 100-sheet
Stack Bypass

Optional:

550-sheet Paper Cassette
(CASSETTE MODULE-AE1),
550-sheet Paper Cassette with Cabinet
(CASSETTE FEEDING UNIT-AJ1),
Triple 550-sheet Paper Cassettes
(CASSETTE FEEDING UNIT-AK1)

Paper Output Capacity (LTR, 20 lb. Bond)

Standard: 250 Sheets

Maximum: 500 Sheets
(with STAPLE FINISHER-Z1)

Finishing Capabilities

Standard: Collate, Group

With External

Finisher: Collate, Group, Offset, Staple

Supported Media Types

Paper: Thin, Plain, Recycled, Color, Heavy,

Cassette: Pre-punched, Bond, Envelope

Stack Bypass: Thin, Plain, Recycled, Color, Heavy,
Pre-punched, Labels, Bond,
Transparency, Envelope

Cassette
Module-AE1: Thin, Plain, Recycled, Color, Heavy,
Pre-punched, Bond

Cassette
Feeding
Unit-AJ1: Thin, Plain, Recycled, Color, Heavy,
Pre-punched, Bond, Transparency

Cassette
Feeding
Unit-AK1: Thin, Plain, Recycled, Color, Heavy,
Pre-punched, Bond

Supported Media Sizes

Paper: Legal, Letter, Executive, Statement,
Envelope [No.10 (COM10), Monarch, DL,
ISO-C5], Custom Size (3-7/8" x 7-1/2" to
8-1/2" x 14")

Stack Bypass: Legal, Letter, Executive, Statement,
Envelope [No.10 (COM10), Monarch,
DL, ISO-C5], Envelope Custom Size
(3-7/8" x 5-7/8" to 8-1/2" x 14"),
Custom Size (3-7/8" x 5-7/8" to
8-1/2" x 14")

Cassette
Module-AE1: Legal, Letter, Executive, Statement,
Custom Size (3-7/8" x 7-1/2" to
8-1/2" x 14")

Cassette
Feeding
Unit-AJ1: Legal, Letter, Executive, Statement,
Custom Size (3-7/8" x 7-1/2" to
8-1/2" x 14")

Cassette
Feeding
Unit-AK1: Legal, Letter, Executive, Statement,
Custom Size (3-7/8" x 7-1/2" to
8-1/2" x 14")

Supported Media Weights

Cassettes: 16 lb. Bond to 60 lb. Cover (60 to 163 g/m²)

Stack Bypass: 16 lb. Bond to 80 lb. Cover (60 to 220 g/m²)

Duplexing: 16 lb. Bond to 60 lb. Cover (60 to 163 g/m²)

Print/Copy Speed (BW and Color)

C355iF: Up to 36 ppm (Letter);

Up to 29 ppm (Legal)

C255iF: Up to 26 ppm (Letter);

Up to 21 ppm (Legal)

Warm-up Time

From Power On: 30 Seconds (C355iF)

34 Seconds (C255iF)

From Sleep Mode: 10 Seconds

Quick Startup Mode: 4 Seconds¹

Mode:



Dimensions (W x D x H)

Standard (Desktop): 20-1/8" x 25-1/8" x 25-5/8"
(511 mm x 639 mm x 651 mm)

With Cassette Feeding Unit-AJI or AKI: 20-1/8" x 25-1/8" x 41-9/10"
(511 mm x 639 mm x 1,064 mm)

Installation Space (W x D)

Basic: 33-1/2" x 35-3/4" (852 mm x 908 mm)

With Staple Finisher-Z1: 55-3/8" x 35-3/4" (1,407 mm x 908 mm)

Weight²

Standard (Desktop): Approx. 108 lb. (49 kg)

With Cassette Feeding Unit-AJI: Approx. 143.3 lb. (65 kg)

With Cassette Feeding Unit-AKI: Approx. 149.9 lb. (68 kg)

Print Specifications

Print Resolution (dpi)

1200 x 600

Standard Page Description Languages

UFR II, PCL[®]6, Adobe[®]PS[®]3

Direct Print

Available from USB, Advanced Box, Remote UI, and Web Access³

Supported File Types

PDF, TIFF, JPEG, EPS, XPS

Printing from Mobile Devices and Cloud-based Services

A range of software and MEAP-based solutions are available to provide printing from mobile devices or Internet-connected devices and cloud-based services depending on your requirements.

Fonts

PCL fonts: 93 Roman, 10 Bitmap fonts, 2 OCR fonts, Andalé Mono WT J/K/S/T (Japanese, Korean, Simplified and Traditional Chinese),⁴ Barcode Fonts⁵

PS fonts: 136 Roman

Operating System⁶

UFR II/PS: Server 2003/Server 2003 R2/Windows Vista[®]/Server 2008/Windows[®] 7/Server 2008 R2/Windows 8/Server 2012/Windows 8.1/Server 2012 R2/Windows 10/MAC OS X (10.6.8 or later)

PCL: Server 2003/Server 2003 R2/Windows Vista/Server 2008/Windows 7/Server 2008 R2/Windows 8/Server 2012/Windows 8.1/Server 2012 R2/Windows 10

Print Features

Suspend Job Timeout, Subset Finishing (PS only), Profile Settings, Secured Print, Forced Hold Printing, Watermark, Page Border, Header/Footer, Page Layout, Two-sided Printing, Collating, Grouping, Mixed Paper Sizes/Orientations, Offsetting, Front/Back Covers, Toner Reduction

Copy Specifications

First-Copy-Out Time (Letter)

C355iF: As fast as 5.1 seconds (BW)/6.9 seconds (Color)

C255iF: As fast as 6.9 seconds (BW)/9.4 seconds (Color)

Copy Resolution (dpi)

Reading: 600 x 600

Printing: 600 x 600

Multiple Copies

Up to 999 copies

Copy Exposure

Automatic or Manual (9 Levels)

Magnification

25%-400% (1% Increments)

Preset Reductions

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

Preset Enlargements

121%, 129%, 200%, 400%

Basic Copy Features

Preset Reduction/Enlargement Ratios by Area, Paper Setting, Previous Settings, Favorite Settings, Finishing, Two-Sided, Density Adjustment, Original Type Selection, Interrupt Mode, Setting Confirmation/Cancel

Special Copy Features

Two-Sided Original, Finishing, Job Build, N on 1, Density Adjustment, Original Type Selection, Page Numbering, Copy Set Numbering, Sharpness, Erase Frame, Secure Watermark, Print Date, Shift, Job Done Notice, Copy ID Card, Detect Feeder Multi Sheet Feed

Scan Specifications

Type

Single-pass Duplexing Automatic Document Feeder

Document Feeder Paper Capacity

100 Sheets (20 lb. Bond)

Document Feeder Supported Media Sizes

Legal, Letter, Statement

Document Feeder Supported Media Weights

BW Original: 13 lb. Bond to 34 lb. Cover (50 to 128 g/m²)

CL Original: 17 lb. Bond to 34 lb. Cover (64 to 128 g/m²)

Platen Acceptable Originals

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

Pull Scan

Color Network ScanGear2 for both Twain and WIA

Supported OS: Windows Vista/7/8/8.1/10/Server 2008/Server 2008 R2/Server 2012/Server 2012 R2

Scan Resolution (dpi)

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

Scan to Mobile Devices and Cloud-based Services

A range of solutions is available to provide scanning to mobile devices and cloud-based services depending on your requirements.

Scan Speed (Letter)

Single-sided Scanning (BW/CL): 50 ipm (300 dpi)/30 ipm (600 dpi)

Double-sided Scanning (BW/CL): 100 ipm (300 dpi)/50 ipm (600 dpi)

Send Specifications

Destination

E-mail/Internet Fax (SMTP), SMB, FTP, WebDAV, Mail Box, Super G3 Fax, IP Fax (Optional)

Color Mode

Automatic-Color Select (Full Color/Grayscale), Automatic-Color Select (Full Color/Black-and-White), Full color, Grayscale, and Black-and-White

Address Book

LDAP (2,000)/Local (1,600)/Speed Dial (200)

Send Resolution (dpi)

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

Communication Protocol

File: FTP, SMB, WebDAV

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

File Format

Standard: TIFF, JPEG, PDF (Compact, Searchable, Apply Policy, Optimize for Web, PDF A/1-b), XPS (Compact, Searchable), Office Open XML (PowerPoint[®], Word)

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

Universal Send Features

Original Type Selection, Two-Sided Original, Density Adjustment, Sharpness, Erase Frame, Job Build, Direct Send, Delayed Send, Preview, Job Done Notice, File Name, Subject/Message, Reply-To, Email Priority, TX Report, Original Content Orientation, Skip Blank Originals, Detect Feeder Multi Sheet Feed

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 (dpi)

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

Sending/Recording Size

Statement to Legal

Fax Memory

Up to 30,000 Pages

Speed Dials

Max. 200

Group Dials/Destinations

Max. 199 Dials

Sequential Broadcast

Max. 256 Addresses

Memory Backup

Yes

Fax Features

Original Type Selection, Two-Sided Original, Density for Scanning, Sharpness, Erase Frame, Job Build, Specifying the Sender's Name (when sending fax), Sender's Name (TTI), Direct Send, Delayed Send, Preview, Job Done Notice, TX Report, Detect Feeder Multi Sheet Feed

Store Specifications

Mail Box Simple (Number Supported)

100 User In-boxes, 1 Memory RX In-box, 50 Confidential Fax In-boxes, 30,000 Maximum Pages Stored

Advanced Box

Communication Protocol: SMB or WebDAV

Supported

Client PC: Windows (Windows Vista/7/8/8.1/10)

Concurrent Connections (Max.)

SMB: 64

WebDAV: 3 (Active Sessions)

Advanced Box Available Disc Space

Approx. 16 GB

Advanced Box Features

Disabling Advanced Box, Storage Filtering, Authentication for Advanced Box Log-in, Search Function, Sort Function, Printing a PDF File with a Password, imageWARE Secure Audit Manager Support

Memory Media

Standard: USB

Security Specifications

Authentication

Standard: Universal Login Manager, User Authentication, Department ID Authentication, Access Management System, Device and Function Level Log-in

Optional: uniFLOW

Data

Standard: Trusted Platform Module (TPM), Hard Disk Password Lock, Hard Disk Drive Erase, Mail Box Password Protection, Hard Disk Drive Encryption (FIPS140-2 Validated)

Optional: IEEE 2600.2 Common Criteria Certification, Data Loss Prevention (Requires uniFLOW)

Network

Standard: IP/Mac Address Filtering, IPsec, TLS Encrypted Communication, SNMP V3.0, IEEE 802.1X, IPv6, SMTP Authentication, POP Authentication before SMTP

Document

Standard:	Secure Print, Adobe LiveCycle® Rights Management ES2.5 Integration
Optional:	Encrypted PDF, Encrypted Secure Print, User and Device Signatures, Secure Watermarks, Document Scan Locking

Environmental Specifications

Operating Environment

Temperature:	50 to 86 °F
Humidity:	20 to 80 % RH (no condensation)

Power Requirements

120-127V AC 60 Hz, 6.9 A

Plug (Main Unit)

NEMA 5-15P

Power Consumption

Maximum:	Approx. 1.5 kWh
Standby:	Approx. 38.9 W
Sleep Mode:	Approx. 0.8 W ⁷
Typical Electricity Consumption (TEC) Rating:	1.2 kWh (C355iF)
	0.8 kWh (C255iF)

Standards

ENERGY STAR® Certified
Rated EPEAT® Silver⁸

Consumables

Toner

GPR-51 Toner

Toner Yield (Estimated @ 5% Coverage)

Black:	19,000 Images
Color (C,M,Y):	21,500 Images

Paper Supply Options

CASSETTE FEEDING UNIT-AJ1

Paper Capacity:	550 Sheets [20 lb. Bond (80 g/m ²)]
Paper Size:	Legal, Letter, Executive, Statement, and Custom Size [3-7/8" x 7-1/2" to 8-1/2" x 14" (98 x 190.5 to 216 x 355.6 mm)]
Paper Weight:	16 lb. Bond to 60 lb. Cover (60 to 163 g/m ²)
Power Source:	From the Main Unit
Dimensions (W x D x H):	20-1/8" x 20" x 16-3/4" (511 mm x 508 mm x 425 mm)
Weight:	Approx. 35.3 lb. (16 kg)

CASSETTE FEEDING UNIT-AK1

Paper Capacity:	1,650 Sheets [20 lb. Bond (80 g/m ²)]
Paper Size:	Legal, Letter, Executive, Statement, and Custom Size [3-7/8" x 7-1/2" to 8-1/2" x 14" (98 x 190.5 to 216 x 355.6 mm)]
Paper Weight:	16 lb. Bond to 60 lb. Cover (60 to 163 g/m ²)
Power Source:	From the Main Unit
Dimensions (W x D x H):	20-1/8" x 20" x 16-3/4" (511 mm x 508 mm x 425 mm)
Weight:	Approx. 41.9 lb. (19 kg)

CASSETTE MODULE-AE1

Paper Capacity:	550 Sheets [20 lb. Bond (80 g/m ²)]
Paper Size:	Legal, Letter, Executive, Statement, and Custom Size [3-7/8" x 7-1/2" to 8-1/2" x 14" (98 x 190.5 to 216 x 355.6 mm)]
Paper Weight:	16 lb. Bond to 60 lb. Cover (60 to 163 g/m ²)
Power Source:	From the Main Unit
Dimensions (W x D x H):	20-1/8" x 20" x 6-1/4" (511 mm x 508 mm x 159 mm)
Weight:	Approx. 22 lb. (10 kg)

Output Options

STAPLE FINISHER-Z1 (External)

Number of Trays:	1
Tray Capacity:	500 Sheets
Paper Weight:	16 lb. Bond to 80 lb. Cover (60 to 220 g/m ²)
Staple Position:	Corner
Staple Capacity:	30 Sheets [Up to 28 lb. Bond (105 g/m ²)]
Dimensions (W x D x H):	21-7/8" x 18-1/8" x 11-7/8" (555 mm x 459 mm x 301 mm)
Weight:	Approx. 30.9 lb (14 kg)

Hardware Options

Card Readers

IC CARD READER ATTACHMENT-C1
MiCARD PLUS PROXIMITY CARD READER
COPY CARD READER-F1
COPY CARD READER ATTACHMENT-B5

Security Options

Document Security

DOCUMENT SCAN LOCK KIT-B1
SECURE WATERMARK-B1
ENCRYPTED SECURE PRINT SOFTWARE-D1
IR-ADV SECURITY KIT-RI FOR IEEE 2600.1
COMMON CRITERIA CERTIFICATION ⁹

System and Controller Options

Print Accessories

PCL INTERNATIONAL FONT SET-A1

Barcode Printing

BARCODE PRINTING KIT-D1

Fax Accessories

SUPER G3 2ND LINE FAX BOARD-AT1
IP FAX EXPANSION KIT-B1

Other Options

Staples

STAPLE-P1¹⁰

Footnotes

- ¹ Time from device power-on to when copy jobs can be programmed.
- ² Includes consumables.
- ³ PDF print from Web sites is supported.
- ⁴ Requires the optional PCL International Font Set-A1.
- ⁵ Requires the optional Barcode Printer Kit-D1.
- ⁶ Other operating systems and environments including AS/400, UNIX, Linux and Citrix may be supported. Some of these solutions are chargeable. SAP Device Types are available via the SAP Market Place. For more information, contact your sales representative.
- ⁷ 0.8 W sleep mode not available in all circumstances due to certain settings.
- ⁸ For current EPEAT rating (Gold/Silver/Bronze), please visit www.epeat.net.
- ⁹ Will launch at a later date.
- ¹⁰ Used for corner/double stapling only. 2 cartridges per case. 5,000 staples per cartridge.



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