CANON

PRODUCT SPECIFICATIONS

STAPLE FINISHER-Z1

CASSETTE FEEDING UNIT-AJ1

CASSETTE FEEDING UNIT-AK1

CASSETTE MODULE-AE1

Main Unit

Type
Colour Laser Multifunctional

Core Functions
Print, Copy, Scan, Send, Store, Fax

Processor
Canon Dual Custom Processor (Shared)

Control Panel
10.1" TFT LCD WSVGA Colour 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 Cassette: Thin, Plain, Recycled, Colour, Heavy, Pre-punched, Bond, Envelope
Stack Bypass: Thin, Plain, Recycled, Colour, Heavy, Pre-punched, Labels, Bond, Transparency, Envelope
Cassette Module-AE1: Thin, Plain, Recycled, Colour, Heavy, Pre-punched, Bond
Cassette Feeding Unit-AJ1: Thin, Plain, Recycled, Colour, Heavy, Pre-punched, Bond, Transparency
Cassette Feeding Unit-AK1: Thin, Plain, Recycled, Colour, Heavy, Pre-punched, Bond

Supported Media Sizes
Paper Cassette 1: 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/m^2)
Stack Bypass: 16 lb. Bond to 80 lb. Cover (60 to 220 g/m^2)
Duplexing: 16 lb. Bond to 60 lb. Cover (60 to 163 g/m^2)

Print/Copy Speed (BW and Colour)
C355iF: Up to 36 ppm (Letter); Up to 29 ppm (Legal)
C255iF: Up to 26 ppm (Letter); Up to 21 ppm (Legal)
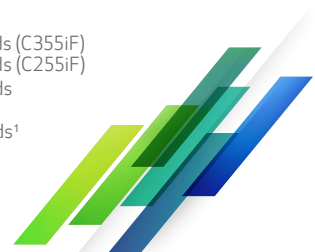
Warm-up Time
From Power On: 30 Seconds (C355iF) 34 Seconds (C255iF)
From Sleep Mode: 10 Seconds
Quick Startup Mode: 4 Seconds[1]

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-
AJ1 or AK1:
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)

Weight[2]

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

With Cassette
Feeding Unit-
AJ1:
Approx. 143.3 lb. (65 kg)

With Cassette
Feeding Unit-
AK1:
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 Access[3]

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 Fonts[5]

PS fonts:
136 Roman

Operating System[6]

UFRII/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 (Colour)

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

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)

Colour Mode
Automatic-Colour Select (Full Colour/Greyscale),
Automatic-Colour Select (Full Colour/Black-and-White),
Full colour, Greyscale, 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

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 ºF
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

Consumables

Toner

GPR-51 Toner

Toner Yield (Estimated @ 5% Coverage)

Black:	19,000 Images
Colour (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-R1 FOR IEEE 2600.1
COMMON CRITERIA CERTIFICATION[8]

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-P1[9]

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] Will launch at a later date.

[9] Used for corner/double stapling only. 2 cartridges per case. 5,000 staples per cartridge.

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AirPrint

CANON GENUINE
TONER, CARTRIDGE & PARTS

ENERGY STAR