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imageRUNNER ADVANCE **C2030/C2020**

Before Using This Machine

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Read this guide first.

Please read this guide before operating this product.

After you finish reading this guide, store it in a safe place for future reference.

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Manuals for the Machine

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The manuals for this machine are divided as follows. Please refer to them for detailed information.

Guides with this symbol are printed manuals. Guides with this symbol are included on the accompanying CD-ROM.

Before Using This Machine (This Manual)

• Describes cautionary information regarding the use of the machine.

Setup Guide

Also included in the e-Manual as a PDF file

Describes the procedure to be performed and settings to be specified after installing the machine.

Basic Operation Guide

- Also included in the e-Manual as a PDF file
- Describes basic and useful operations you can perform with the machine.
- Describes the maintenance and troubleshooting procedures for the machine.

e-Manual

HTML manual

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- Describes how to use the various functions such as Copy, Scan and Send, how to specify the various settings, and introduces optional equipment that can enhance job productivity.
- Also includes "Practical Workflows," which introduce the various functions of the machine using practical examples, such as how to create a booklet, and how to prevent unauthorized copying.

Driver Installation Guide

Printer Driver Installation Guide

Mac Printer Driver Installation Guide

Fax Driver Installation Guide

Mac Fax Driver Guide

Includes the Windows and Macintosh printer drivers and fax drivers.
 *There are three types of printer drivers: PS, PCL, and UFR II.



CD-ROM

To view the manual in PDF format, Adobe Reader/Adobe Acrobat Reader is required. If Adobe Reader/Adobe Acrobat Reader is not installed on your system, please download it from the Adobe Systems Incorporated website.

Preface

Thank you for purchasing the Canon imageRUNNER ADVANCE C2030/C2020. Please read this manual thoroughly before operating the machine to familiarize yourself with its capabilities, and to make the most of its many functions. For information on the detailed settings for the functions described in this manual, see the e-Manual. After reading this manual, store it in a safe place for future reference.

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💷 How To Use This Manual

Symbols Used in This Manual

The following symbols are used in this manual to explain procedures, restrictions, handling precautions, and instructions that should be observed for safety.

	Indicates a warning concerning operations that may lead to death or injury to persons if not performed correctly. To use the machine safely, always pay attention to these warnings.
	Indicates a caution concerning operations that may lead to injury to persons if not performed correctly. To use the machine safely, always pay attention to these cautions.
	Indicates operational requirements and restrictions. Be sure to read these items carefully to operate the machine correctly, and avoid damage to the machine or property.
NOTE	Indicates a clarification of an operation, or contains additional explanations for a procedure. Reading these notes is highly recommended.
\bigcirc	Indicates an operation that must not be performed. Read these items carefully, and make sure not to perform the described operations.

Keys and Buttons Used in This Manual

The following symbols and key/button names are a few examples of how keys and buttons to be clicked or pressed are expressed in this

manual:

 Touch Panel Display Keys: [Key Name] Example: [Cancel] [Close]
 Control Panel Keys: Key Icon (Key Name) Example: (Stop)
 Buttons on Computer Operation Screens: [Button Name] Example: [OK] [Add]

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Illustrations Used in This Manual

Illustrations used in this manual are those displayed when the imageRUNNER ADVANCE C2030 has the following optional equipment attached to it: the Inner Finisher-C1, 3 Way Unit-C1, Inner Finisher Additional Tray-A1, and Cassette Feeding Unit-AF1.

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Abbreviations Used in This Manual

In this manual, product names and model names are abbreviated as follows:

Microsoft Windows 2000 operating system: Microsoft Windows Server 2003 operating system: Microsoft Windows Server 2003 R2 operating system: Microsoft Windows XP operating system: Microsoft Windows Vista operating system: Microsoft Windows Server 2008 operating system: Microsoft Windows 7 operating system: Microsoft Windows 7 operating system: Microsoft Windows operating system: Microsoft Windows operating system: Microsoft Windows Internet Explorer: Novell NetWare: Apple Macintosh: Apple Mac: Extended Unix Code: Windows 2000 Windows Server 2003 R2 Windows Server 2003 R2 Windows Vista Windows Vista Windows 7 Windows Internet Explorer Internet Explorer NetWare Macintosh Mac EUC

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4 ______ **Operations and Terms Used in This Manual**

This machine makes effective use of memory to perform print operations efficiently. For example, as soon as the machine has scanned the original that you want to copy, it can immediately scan the next person's original. You can also print from this machine, using a function other than the Copy function. This machine combines multiple operations, so that not only copies, but various types of jobs are placed in a queue before being processed.

To avoid confusion when reading this manual, the terms "scanning," "printing," and "copying," used throughout this manual, are defined below. When making a copy, the process of scanning originals and printing copies may be described as separate functions.







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Legal Notices

Product Name

Safety regulations require the product's name to be registered. In some regions where this product is sold, the following name(s) in parenthesis may be registered instead.

• imageRUNNER ADVANCE C2030 (F155800)

• imageRUNNER ADVANCE C2020 (F155800)

FCC (Federal Communications Commission)

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate, radio frequency energy and, if not installed and used in accordance with the Operator's Manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Use of shielded cables are required to comply with Class A limits in Subpart B of Part 15 of the FCC Rules.

Do not make any changes or modifications to the equipment unless otherwise specified in the manual. If you make such changes or modifications, you could be required to stop operation of the equipment.

If your equipment malfunctions, please contact your local authorized Canon dealer from whom you purchased the equipment (if under warranty), or with whom you have a servicing contract. If you are not sure who to contact, and have both purchased and are using the equipment in the U.S.A., please refer to the "SUPPORT" page on Canon U.S.A.'s Web site (http://www.usa.canon.com).

Laser Safety

This product complies with 21 CFR Chapter 1 Subchapter J as a Class I laser product under the U.S. Department of Health and Human Services (DHHS) Radiation Performance Standard according to the Radiation Control for Health and Safety Act of 1968. Also, this product is certified as a Class I laser product under IEC60825-1: 2007. This means that the product does not produce hazardous laser radiation.

Since radiation emitted inside the product is completely confined within protective housings and external covers, the laser beam cannot escape from the machine during any phase of user operation. Do not remove protective housings or external covers, except as directed by the equipment's manual.

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The label shown below is attached to the paper drawer's right cover and toner supply port cover.

VORSICHT PRECAUCIÓN VARNING	 NOGET – 1. "Название павето исто после п	2: 2:



Use of controls, adjustments, or performance of procedures other than those specified in the manuals for this machine may result in hazardous radiation exposure.

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International ENERGY STAR Program



As an ENERGY STAR® Partner, Canon Inc. has determined that this machine meets the international ENERGY STAR Program for energy efficiency.

The International ENERGY STAR Office Equipment Program is an international program that promotes energy saving through the use of computers and other office equipment. The program backs the development and dissemination of products with functions that effectively reduce energy consumption. It is an open system in which business proprietors can participate voluntarily. The targeted products are office equipment, such as computers, displays, printers, facsimiles, and copiers. The standards and logos are uniform among participating nations.

IPv6 Ready Logo



The protocol stack included in this machine has obtained the IPv6 Ready Logo Phase-1 established by the IPv6 Forum.

Copyright

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(Hg) LAMP(S) INSIDE THIS PRODUCT CONTAIN MERCURY AND MUST BE RECYCLED OR DISPOSED OF ACCORDING TO LOCAL, STATE OR FEDERAL LAWS.

The following applies in California, USA only:

The battery included with your product contains Perchlorate Material and may require special handling. See http://www.dtsc.ca.gov/hazardouswaste/perchlorate/ for details.

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Paper Money

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- Money Orders
- Certificates of Deposit
- Postage Stamps (canceled or uncanceled)
- Identifying Badges or Insignias
- Selective Service or Draft Papers
- Checks or Drafts Issued by Governmental Agencies
- Motor Vehicle Licenses and Certificates of Title
- Travelers Checks
- Food Stamps
- Passports
- Immigration Papers
- Internal Revenue Stamps (canceled or uncanceled)
- Bonds or Other Certificates of Indebtedness
- Stock Certificates
 - Copyrighted Works/Works of Art without Permission of Copyright Owner

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Users in the U.S.A.

Preinstallation Requirements for Canon Facsimile Equipment

A. Location

Supply a suitable table, cabinet, or desk for the machine. See "Specifications" in this guide for specific dimensions and weight.

B. Order Information

- 1. A single telephone line (touch-tone or rotary) should be used. If the Super G3 2nd Line Fax Board is installed, a multi telephone line (touch-tone or rotary) can be used.
- 2. Order an RJ11-C telephone wall jack (USOC), which should be installed by the telephone company. If the RJ11-C wall jack is not present, telephone/facsimile operation is not possible.
- 3. Order a normal business line from your telephone company's business representative. The line should be a regular voice grade line or an equivalent one. Use one line per unit. If the Super G3 2nd Line Fax Board is installed, you can use a multi-line.

DDD (Direct Distance Dial) line

-or-

IDDD (International Direct Distance Dial) line if you communicate overseas



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Canon recommends an individual line following industry standards, i.e., 2500 (touch-tone) or 500 (rotary/pulse dial) telephones. A dedicated extension off a PBX (Private Branch eXchange) unit without "Call Waiting" can be used with your facsimile unit. Key telephone systems are not recommended because they send nonstandard signals to individual telephones for ringing and special codes, which may cause a facsimile error.

C. Power Requirements

The machine should be connected to a standard 120 volt AC, three-wire grounded outlet only.

Do not connect this machine to an outlet or power line shared with other appliances that cause "electrical noise." Air conditioners, electric typewriters, copiers, and machines of this sort generate electrical noise that often interferes with communications equipment and the sending and receiving of documents.

Connection of the Equipment

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the rear panel of this equipment is a label that contains, among other information, a product identifier in the format of US:AAAEQ##TXXXX. If requested, this number must be provided to the telephone company.

The REN (Ringer Equivalence Number) is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most, but not all areas, the sum of the RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. The REN for this product is part of the product identifier that has the format US:AAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point (e.g., 10 is a REN of 1.0).

An FCC compliant telephone line cable and modular plug is provided with this equipment. This equipment is designed to be connected to the telephone network or premise wiring using a compatible modular jack that is Part 68 compliant.

This equipment may not be used on coin service provided by the telephone company. Connection to party lines is subject to state tariffs.

In Case of Equipment Malfunction

Should any malfunction occur which cannot be corrected by the procedures described in the e-Manual, disconnect the equipment from the telephone line cable and disconnect the power cord. The telephone line cable should not be reconnected or the main power switch turned ON until the problem is completely resolved. Users should contact their local authorized Canon Facsimile Service Dealer for the servicing of equipment.

If your equipment malfunctions, please contact your local authorized Canon dealer from whom you purchased the equipment (if under warranty), or with whom you have a servicing contract. If you are not sure who to contact, and have both purchased and are using the equipment in the U.S.A., please refer to the "SUPPORT" page on Canon U.S.A.'s Web site (http://www.usa.canon.com).

Rights of the Telephone Company

If this equipment imageRUNNER ADVANCE C2030/C2020 causes harm to the telephone network, the telephone company may temporarily disconnect service. The telephone company also retains the right to make changes in facilities and services that may affect the operation of this equipment. When such changes are necessary, the telephone company is required to give adequate prior notice to the user. However, if advance notice is not possible, the telephone company will notify the customer as soon as possible. Also, the customer will be advised of his/her right to file a complaint with the FCC if he/she believes it is necessary.

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The Telephone Consumer Protection Act of 1991 makes it unlawful for any person to use a computer or other electronic device to send any message via a telephone facsimile machine unless such message clearly contains in a margin at the top or bottom of each transmitted page, or on the first page of the transmission, the date and time it is sent and an identification of the business or other entity, or other individual sending the message and the telephone number of the sending machine or such business, other entity, or individual. (The telephone number provided may not be a 900 number or any other number for which charges exceed local or long-distance transmission charges.)

NOTE

To program this information into your machine, complete the procedure for registering your name, unit's telephone number, time, and date as described in Basic Operations or Settings/Registration in the e-Manual.

Users in Canada

Preinstallation Requirements for Canon Facsimile Equipment

A. Location

Supply a suitable table, cabinet, or desk for the machine. See "Specifications" in this guide for specific dimensions and weight.

B. Order Information

- 1. A single telephone line (touch-tone or rotary) should be used. If the Super G3 2nd Line Fax Board is installed, a multi telephone line (touch-tone or rotary) can be used.
- 2. Order a CA11A modular jack which should be installed by the telephone company. If the CA11A jack is not present, installation cannot occur.
- Order a normal business line from your telephone company's business representative. The line should be a regular voice grade line or an equivalent one. Use one line per unit. If the Super G3 2nd Line Fax Board is installed, you can use a multi-line.

DDD (Direct Distance Dial) line



or

IDDD (International Direct Distance Dial) line if you communicate overseas

Ø NOTE

Canon recommends an individual line following industry standards, i.e., 2500 (touch-tone) or 500 (rotary/pulse dial) telephones. A dedicated extension off a PBX (Private Branch eXchange) unit without "Call Waiting" can be used with your facsimile unit. Key telephone systems are not recommended because they send nonstandard signals to individual telephones for ringing and special codes, which may cause a facsimile error.

C. Power Requirements

The power outlet should be a three-prong grounded receptacle (Single or Duplex). It should be independent from copiers, heaters, air conditioners, or any electric equipment that is thermostatically controlled. The rated value is 115 volts and 15 amperes. The CA11A modular jack should be relatively close to the power outlet to facilitate installation.

Notice

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- This product meets the applicable Industry Canada technical specifications.
- Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. In some cases, the company's inside wiring associated with a single line individual service may be extended by means of a certified connector assembly (telephone extension cord). The customer should be aware that compliance with the above conditions may not prevent deterioration of service in some situations.
- The Ringer Equivalence Number is an indication of the maximum number of devices allowed to be connected to a telephone interface. The termination of an interface may consist of any combination of devices subject only to the requirement that the sum of the RENs of all the devices does not exceed five.
- The REN of this product is 1.0.
- Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.
- Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines, and internal metallic
 water pice surter if present are connected together. This presention may be particularly important in gural areas

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water pipe system, in present, are connected together. This precaution may be particularly important in rural areas.

Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.



This equipment complies with the Canadian ICES-003 Class A limits.

Utilisation au Canada

Conditions à Remplir Préalablement à L'installation d'un Télécopieur Canon

A. Emplacement

Prévoir une table, un meuble, ou un bureau suffisamment solide et de taille appropriée (voir "Spécifications" pour les indications de poids et dimensions).

B. Installation téléphonique

- 1. Une seule ligne téléphonique (tonalités ou impulsions) doit être utilisée. Si le Super G3 2nd Line Fax Board en option est installé, il est possible d'utiliser une ligne téléphonique multiple (tonalités ou impulsions).
- 2. Il faut commander un jack modulaire CA11A qui sera installé par la compagnie téléphonique. Sans ce jack, la mise en place serait impossible.
- 3. Si vous vous abonnez à une nouvelle ligne, demandez une ligne d'affaires normale de qualité téléphonique courante ou équivalente. Prenez un abonnement d'une ligne par appareil. Si le Super G3 2nd Line Fax Board en option est installé, il est possible d'utiliser une ligne téléphonique multiple.

Ligne automatique interurbaine

ou

NOTE

Ligne automatique international (si vous communiquez avec les pays étrangers)

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Canon vous conseille d'utiliser une ligne individuelle conforme aux normes industrielles, à savoir: ligne téléphonique 2500 (pour appareil à cadran/impulsions). Il est également possible de raccorder ce télécopieur à un système téléphonique à poussoirs car la plupart de ces systèmes émettent des signaux d'appel non normalisés ou des codes spéciaux qui risquent de perturber le fonctionnement du télécopieur.

C. Condition d'alimentation

Raccordez le télécopieur à une prise de courant plus terre à trois branches, du type simple ou double, et qui ne sert pas à alimenter un copieur, un appareil de chauffage, un climatiseur ou tout autre appareil électrique à thermostat. L'alimentation doit être de 115 volts et 15 ampères. Pour faciliter l'installation, le jack CA11A doit être assez proche de la prise de courant.

Remarques

- Le présent matériel est conforme aux spécifications techniques applicables d'Industrie Canada.
- Avant d'installer cet appareil, l'utilisateur doit s'assurer qu'il est permis de le connecter à l'équipement de la compagnie de télécommunication locale et doit installer cet appareil en utilisant une méthode de connexion autorisée. Il se peut qu'il faille étendre la circuiterie intérieure de la ligne individuelle d'abonné, qui a été installée par la compagnie, au moyen d'un jeu de connecteurs homologués (rallonge téléphonique).
- L'attention de l'utilisateur est attirée sur le fait que le respect des conditions mentionnées ci-dessus ne constitue pas une garantie contre les dégradations de qualité du service dans certaines circonstances.
- L'indice d'équivalence de la sonnerie (IES) sert à indiquer le nombre maximal de terminaux qui peuvent être raccordés à une interface téléphonique. La terminaison d'une interface peut consister en une combinaison quelconque de dispositifs, à la seule condition que la somme d'indices d'équivalence de la sonnerie de tous les dispositifs n'excède pas 5.
- Le nombre d'équivalents sonnerie (REN) de ce produit est 1.0.
- Les réparations sur un appareil certifié doivent être faites par une société d'entretien canadienne autorisée par le Gouvernement canadien et désignée par le fournisseur. Toute réparation ou modification que pourrait faire l'utilisateur de cet appareil, ou tout mauvais fonctionnement, donne à la compagnie de télécommunication le droit de débrancher l'appareil.
- Pour sa propre protection, l'utilisateur doit s'assurer que les prises de terre de l'appareil d'alimentation, les lignes téléphoniques et les tuyaux métalliques internes, s'il y en a, sont bien connectés entre eux. Cette précaution est particulièrement importante dans les zones rurales.



Au lieu d'essayer de faire ces branchements eux-mêmes, les utilisateurs sont invités à faire appel à un service d'inspection faisant autorité en matière d'électricité ou à un électricien, selon le cas.



Respecte les limites de la classe A de la NMB-003 du Canada.

Super G3



Super G3 is a phrase used to describe the new generation of fax machines that use ITU-T V.34 standard 33.6 Kbps* modems. Super G3 High Speed Fax machines allow transmission times of approximately 3 seconds* per page which results in reduced telephone line charges.

 Approximately 3 seconds per page fax transmission time based on CCITT/ITU-T No.1 Chart, (JBIG, Standard Mode) at 33.6 Kbps modem speed. The PSTN (Public Switched Telephone Network) currently supports 28.8 Kbps modem speeds or slower, depending on telephone line conditions.

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Important Safety Instructions

Please read these "Important Safety Instructions" thoroughly before operating the machine. As these instructions are intended to prevent injury to the user or other persons or destruction of property, always pay attention to these instructions. Also, since it may result in unexpected accidents or injuries, do not perform any operation unless otherwise specified in the manual. Improper operation or use of this machine could result in personal injury and/or damage requiring extensive repair that may not be covered under your Limited Warranty.

Installation

WARNING

- Never block the ventilation slots and louvers on the machine. These openings are provided for proper ventilation of working parts inside the machine. Blocking these openings can cause the machine to overheat. Never place the machine on a soft surface, such as a sofa or rug.
- Do not install the machine in the following locations:
- A damp or dusty location
- A location near water faucets or water
 A location exposed to direct sunlight
- A location exposed to direct sunlight
 A location subject to high temperatures
- A location near open flames
- Do not install the machine near alcohol, paint thinner, or other flammable substances. If flammable substances come into contact with electrical parts inside the machine, it may result in a fire or electrical shock.
- Do not place the following items on the machine. If these items come into contact with a high-voltage area inside the machine, it may result in a fire or electrical shock.
- If these items are dropped or spilled inside the machine, immediately turn OFF the main power switch, and disconnect the power cord from the power outlet. Then, contact your local authorized Canon dealer.
- Necklaces and other metal objects
 Cups, vases, flowerpots, and other containers filled with water or liquids



Do not install the machine in unstable locations, such as unsteady platforms or inclined floors, or in locations subject to excessive vibrations, as this may cause the machine to fall or tip over, resulting in personal injury.
Do not remove the machine's leveling feet after the machine has been installed, as this may cause the machine to fall or tip over, resulting in personal injury.



Power supply

WARNING

- Do not damage or modify the power cord. Also, do not place heavy objects on the power cord, or pull on or excessively bend it, as this could cause electrical damage and result in a fire or electrical shock.
 Keep the power cord away from a heat source; failure to do this may cause the power cord coating to melt,
- resulting in a fire or electrical shock.
- Do not connect or disconnect the power cord with wet hands, as this may result in electrical shock.
- Do not connect the power cord to a multiplug power strip, as this may cause a fire or electrical shock.
- Do not bundle up or tie the power cord in a knot, as this may result in a fire or electrical shock.
- Insert the power plug completely into the power outlet, as failure to do so may result in a fire or electrical shock.
- Do not use power cords other than the power cord provided, as this may result in a fire or electrical shock.
- As a general rule, do not use extension cords. Using an extension cord may result in a fire or electrical shock.
- Do not use power supplies with voltages other than those specified herein, as this may result in a fire or electrical shock.
- Always grasp the power plug when disconnecting the power cord. Pulling on the power cord may expose or snap the core wire, or otherwise damage the power cord. If the power cord is damaged, this could cause current to leak, resulting in a fire or electrical shock.

IMPORTANT

Leave sufficient space around the power plug so that it can be unplugged easily. If objects are placed around the power plug, you will be unable to unplug it in an emergency.

Handling



- Do not attempt to disassemble or modify the machine. There are high-temperature and high-voltage components inside the machine which may result in a fire or electrical shock.
- If the machine makes strange noises, or gives off smoke, heat, or strange smells, immediately turn OFF the main power switch, and disconnect the power cord from the power outlet. Then, contact your local authorized Canon dealer. Continued use of the machine in this condition may result in a fire or electrical shock.
- Do not use highly flammable sprays near the machine. If gas from these sprays comes into contact with the electrical components inside the machine, it may result in a fire or electrical shock.
- To avoid damage to the power cord and creating a fire hazard, always turn OFF the main power switch, and unplug the interface cable when moving the machine. Otherwise, the power cord or interface cable may be damaged, resulting in a fire or electrical shock.
- Make sure that the power plug is firmly inserted into the power outlet if the machine was moved. Do not use the machine while the connection is loose, as doing so may cause a fire.
- Do not drop paper clips, staples, or other metal objects inside the machine. Also, do not spill water, liquids, or flammable substances (alcohol, benzene, paint thinner, etc.) inside the machine. If these items come into contact with a high-voltage area inside the machine, it may result in a fire or electrical shock. If these items are dropped or spilled inside the machine, immediately turn OFF the main power switch, and disconnect the power cord from the power outlet. Then, contact your local authorized Canon dealer.

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- Do not place heavy objects on the machine, as they may tip over or fall resulting in personal injury.
- Close the feeder gently to avoid catching your hands, as this may result in personal injury.



- Do not press down hard on the feeder when using the platen glass to make copies of thick books. Doing so may damage the platen glass and result in personal injury.
- Do not touch the finisher while the machine is printing, as this may result in personal injury.
- Paper that has just been output from the machine may be hot. Be careful when removing or aligning paper from the output tray. Touching paper right after it is output may result in low-temperature burns.
- Do not place your hands, hair, clothing, etc., near the exit and feed rollers. Even if the machine is not in operation, your hands, hair, or clothing may get caught in the rollers, which may result in personal injury or damage if the machine suddenly starts printing.
- Do not place your hands in the part of the tray where stapling is performed (near the rollers) when a finisher is attached, as this may result in personal injury.



Inner Finisher-C1

• Do not insert your hand into the machine while the paper drawer is removed, as this may result in personal injury.



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• The laser beam can be harmful to human bodies. Since radiation emitted inside the product is completely confined within protective housings and external covers, the laser beam cannot escape from the machine during any phase of user operation. Read the following remarks and instructions for safety.

Never open covers other than those instructed in the manuals for this machine.
Do not remove the following caution label which is attached to the machine. If the label has been removed, contact your local authorized

 Do not remove the following caution label which is attached to the machine. If the label has been removed, contact your local authorized Canon dealer.



• If the laser beam escapes from the machine, exposure may cause serious damage to your eyes.

Controlling, adjusting, or operating the machine in ways not mentioned in the manuals for this machine may cause dangerous radiation to
 escape from the machine.



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Turn OFF the control panel power switch for safety when the machine will not be used for a long period of time, such as overnight. Also, turn OFF the main power switch, and disconnect the power cord for safety when the machine will not be used for an extended period of time, such as during consecutive holidays.

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Maintenance and Inspections

WARNING

- When cleaning the machine, first turn OFF the main power switch, then disconnect the power cord. Failure to observe these steps may result in a fire or electrical shock.
- Disconnect the power cord from the power outlet regularly, and clean the area around the base of the power plug's metal pins and the power outlet with a dry cloth to ensure that all dust and grime is removed. If the power cord is connected for a long period of time in a damp, dusty, or smoky location, dust can build up around the power plug and become damp. This may cause a short circuit and result in a fire.
- Clean the machine using a slightly dampened cloth with a mild detergent mixed with water. Do not use alcohol, benzene, paint thinner, or other flammable substances. Check detergent for flammability prior to use. If flammable substances come into contact with a high-voltage area inside the machine, it may result in a fire or electrical shock.
- There are some areas inside the machine which are subject to high-voltages. When removing jammed paper or when inspecting the inside of the machine, do not allow necklaces, bracelets, or other metal objects to touch the inside of the machine, as this may result in burns or electrical shock.
- Do not burn or throw used toner cartridges into open flames, as this may cause the toner remaining inside the cartridges to ignite, resulting in burns or a fire.
- Make sure that the power plug is firmly inserted into the power outlet after cleaning the machine. Do not use the machine while the connection is loose, as doing so may cause a fire.
- Check the power cord and power plug regularly. If the following conditions occur, contact your local authorized Canon dealer, as the condition may cause a fire:
- There are burn marks on the power plug.
- The blade on the power plug is deformed or broken.
 The power goes OFF and ON when the power cord is bent.
 There are cuts, cracks, or indentations on the power cord.
- A part of the power cord becomes hot.
- Check the power cord and power plug regularly to make sure that they are not handled in the following manner, as this may result in a fire or electrical shock:
- The connection part of the power plug is loose.
- Stress is being applied to the power cord by a heavy object or by affixing it with staples.

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- The power plug is loose.
 The power cord is tied in a bundle.
- The power cord protrudes into a walkway.
- The power cord is in front of a heater.

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- The fixing unit and its surroundings inside the machine may become hot during use. When removing jammed paper or when inspecting the inside of the machine, do not touch the fixing unit and its surroundings, as doing so may result in burns or electrical shock.
- When removing jammed paper or when inspecting the inside of the machine, do not expose yourself to the heat emitted from the fixing unit and its surroundings for a prolonged period of time. Doing so may result in low temperature burns, even though you did not touch the fixing unit and its surroundings directly.
- If a paper jam occurs, follow the directions on the touch panel display to remove any jammed paper from inside the machine. Do not insert your fingers into any parts not indicated on the touch panel display, as doing so may result in personal injury or burns.
- When removing jammed paper or replacing the toner cartridge, take care not to allow the toner to come into contact with your hands or clothing, as this will dirty your hands or clothing. If they become dirty, wash them immediately with cold water. Washing them with warm water will set the toner, and make it impossible to remove the toner stains.
- When removing paper which has become jammed inside the machine, remove the jammed paper gently to prevent the toner on the paper from scattering and getting into your eyes or mouth. If the toner gets into your eyes or mouth, wash them immediately with cold water and immediately consult a physician.
- When removing jammed originals or paper which has become jammed inside the machine, take care not to cut your hands or injure yourself on the edges of the originals or paper. If you cannot remove the paper, contact your local authorized Canon dealer.
- When removing a used toner cartridge, remove the cartridge carefully to prevent the toner from scattering and getting into your eyes or mouth. If the toner gets into your eyes or mouth, wash them immediately with cold water and immediately consult a physician.
- Do not dismantle the toner cartridge, as doing so may cause toner to fly out and enter your eyes or mouth. If toner gets into your eyes or mouth, wash them immediately with cold water and immediately consult a physician.
- If toner escapes from the toner cartridge, make sure not to ingest the toner or allow it to directly touch your skin. If toner touches your skin, wash it away with soap and water. If your skin still feels irritated after washing it, or you ingest toner, consult a doctor immediately.

Consumables

- Do not burn or throw used toner cartridges into open flames, as this may cause the toner remaining inside the cartridges to ignite, resulting in burns or a fire.
- Do not store toner cartridges or copy paper in places exposed to open flames, as this may cause the toner or paper to ignite, resulting in burns or a fire.



- Keep toner and other consumables out of the reach of small children. If these items are ingested, consult a physician immediately.
- Do not dismantle the toner cartridge, as doing so may cause toner to fly out and enter your eyes or mouth. If toner gets into your eyes or mouth, wash them immediately with cold water and immediately consult a physician.
- If toner escapes from the toner cartridge, make sure not to ingest the toner or allow it to directly touch your skin. If toner touches your skin, wash it away with soap and water. If your skin still feels irritated after washing it, or you ingest toner, consult a doctor immediately.
- When discarding used toner cartridges, put the cartridges into a bag to prevent the toner remaining inside the cartridges from scattering, and dispose of them in a location away from open flames.

Telephone Equipment



When using telephone equipment incorporated into this machine, basic safety precautions should always be followed to reduce the risk of fire, electrical shock, or injury to persons, including the following:

- 1. Do not use this machine where there is a potential for contact with water or other liquid.
- 2. Do not use the telephone equipment during an electrical storm, as there may be a remote risk of electrical shock from lightning.
- 3. Do not use the telephone equipment to report a gas leak in the vicinity of the leak.

Other Warnings



For cardiac pacemaker users:

This product emits low level magnetic flux. If you use a cardiac pacemaker and feel abnormalities, please move away from the product and consult your doctor.

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Installation Location and Handling

This section describes precautions for installation location and handling. We recommend that you read this section prior to using this machine.

Installation Precautions

Avoid Installing the Machine in the Following Locations

Avoid locations subject to temperature and humidity extremes, whether low or high.

For example, avoid installing the machine near water faucets, hot water heaters, humidifiers, air conditioners, heaters, or stoves.



Avoid installing the machine in direct sunlight.

If this is unavoidable, use curtains to shade the machine. Be sure that the curtains do not block the machine's ventilation slots or louvers, or interfere with the electrical cord or power supply.



• Avoid poorly ventilated locations.

This machine generates a slight amount of ozone etc. during normal use. Although sensitivity to ozone etc. may vary, this amount is not harmful. Ozone etc. may be more noticeable during extended use or long production runs, especially in poorly ventilated rooms. It is recommended that the room be appropriately ventilated, sufficient to maintain a comfortable working environment, in areas of machine operation.



 Avoid locations where a considerable amount of dust accumulates. ۲

• Avoid locations where ammonia gas is emitted.



• Avoid locations near volatile or flammable materials, such as alcohol or paint thinner.



• Avoid locations that are subject to vibration.

For example, avoid installing the machine on unstable floors or stands.



Avoid exposing the machine to rapid changes in temperature.

If the room in which the machine is installed is cold but rapidly heated, water droplets (condensation) may form inside the machine. This may result in a noticeable degradation in the quality of the copied image, the inability to properly scan an original, or the copies having no printed image at all.



• Avoid installing the machine near computers or other precision electronic equipment.

Electrical interference and vibrations generated by the machine during printing can adversely affect the operation of such equipment.

Avoid installing the machine near televisions, radios, or similar electronic equipment.

The machine might interfere with sound and picture signal reception.

Insert the power plug into a dedicated power outlet, and maintain as much space as possible between the machine and other electronic equipment.

Do not remove the machine's leveling feet.

Do not remove the machine's leveling feet after the machine has been installed.

If you put weight on the front of the machine while the drawers or units within the machine are pulled out, the machine may fall forward. To prevent this from happening, make sure that the machine's leveling feet are in place.

Select a Safe Power Supply

- Plug the machine into a 120 V AC outlet.
- Make sure that the power supply for the machine is safe, and has a steady voltage.
- Do not connect other electrical equipment to the same power outlet to which the machine is connected.
- Do not connect the power cord to a multiplug power strip, as this may cause a fire or electrical shock.
- The power cord may become damaged if it is stepped on, affixed with staples, or if heavy objects are placed on it. Continued use of a damaged power cord can lead to an accident, such as a fire or electrical shock.



- The power cord should not be taut, as this may lead to a loose connection and cause overheating, which could result in a fire.
- If excessive stress is applied to the connection part of the power cord, it may damage the power cord or the wires inside the machine may disconnect. This could result in a fire. Avoid the following situations:
 - Connecting and disconnecting the power cord frequently.
 - Tripping over the power cord.
 - The power cord is bent near the connection part, and continuous stress is being applied to the power outlet or the connection part.
 - Applying excessive force on the power plug.

Moving the Machine

• If you intend to move the machine, even to a location on the same floor of your building, contact your local authorized Canon dealer beforehand. Do not attempt to move the machine yourself.



Provide Adequate Installation Space

Provide enough space on each side of the machine for unrestricted operation.

• When no option is attached

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When the Inner Finisher-C1 and Copy Tray-J1 are attached



Handling Precautions

Do not attempt to disassemble or modify the machine.



- Some parts inside the machine are subject to high-voltages and temperatures. Take adequate precautions when inspecting the inside of the machine. Since it may result in unexpected accidents or injuries, do not perform any operation unless otherwise specified in the manual.
- Be careful not to spill liquid or drop any foreign objects, such as paper clips or staples inside the machine. If a foreign object comes into contact with electrical parts inside the machine, it might cause a short circuit and result in a fire or electrical shock.



If there is smoke, or unusual noise, immediately turn the main power switch OFF, disconnect the power cord from the power outlet, and then call your local authorized Canon dealer. Using the machine in this state may cause a fire or electrical shock. Also, avoid placing objects around the power plug so that the machine can be disconnected whenever necessary.



• Do not turn the main power switch OFF or open the front covers while the machine is in operation. This may result in paper jams.

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Do not use flammable sprays, such as spray glue, near the machine. There is a danger of ignition.



- This machine generates a slight amount of ozone etc. during normal use. Although sensitivity to ozone etc. may vary, this amount is not harmful. Ozone etc. may be more noticeable during extended use or long production runs, especially in poorly ventilated rooms. It is recommended that the room be appropriately ventilated, sufficient to maintain a comfortable working environment, in areas of machine operation.
- For safety reasons, turn OFF the control panel power switch of the machine when it will not be used for a long period of time, such as overnight. As an added safety measure, turn OFF the main power switch, and disconnect the power cord when the machine will not be used for an extended period of time, such as during consecutive holidays.



- Use a modular cable that is shorter than 9' 10" (3 meters).
- Use a USB cable that is shorter than 9' 10" (3 meters).

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Backing Up/Exporting Data

Various data such as the received data, address book, and Settings/Registration settings are stored in memory. A malfunction in memory may cause these data to be lost. Please regularly back up/export your important data. Please note that Canon will not be held responsible for any damages caused by the loss of data. You can backup/export the following data:

	Data You Can Back Up/Export	References
Address Book		See e-Manual > Remote UI
Device Settings		
Settings/Registration Se	ttings Information	
Web Access Favorites		
Printer Settings		
Paper Information		
Quick Menu Information	1	See e-Manual > Quick Menu
Data relating to MEAP	License files for MEAP applications	See e-Manual > MEAP
	Data saved from MEAP applications ^{*1}	Instruction manuals for each MEAP application.
	User authentication information registered for the Local Device Authentication system of SSO-H (Single Sign-On H)	See e-Manual > MEAP

*1 You may be able to back up data stored by MEAP applications, depending on the application.

NOTE

- Also the passwords are backed up at the same time. However, some of the passwords may not be backed up, depending on the type of the password.
- If your machine is not connected to a network, it is recommended that you print and store important information such as the Address Book. (See e-Manual > Basic Operations.)

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24 _____ Parts and Their Functions

This section provides you with the names and functions of all the parts on the outside and inside of the main unit and the control panel.

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An illustration of the machine with some optional products attached to it is also provided. For more information on optional products, parts and their functions, see e-Manual > Optional Products/Software.

External View

When the Cassette Feeding Unit-AF1, Inner Finisher-C1, 3 Way Unit-C1, Inner Finisher Additional Tray-A1, and Copy Tray-J1 Are Attached



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Open this cover when clearing a paper jam in Paper Drawers 1 and 2.

Press to the "I" side to turn the power ON.

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Internal View

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When the Cassette Feeding Unit-AF1, Inner Finisher-C1, 3 Way Unit-C1, Inner Finisher Additional Tray-A1, and Copy Tray-J1 Are Attached



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IMPORTANT

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- Be careful not to spill liquid or drop any foreign objects, such as paper clips or staples, into the feeder.
- When using the platen glass to copy or scan thick originals, such as books or magazines, do not press down hard on the feeder.

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• If the original output tray for the feeder becomes blocked, it may result in damage to your originals. Do not place objects on the original output tray.

Control Panel Parts and Functions





Main Power and Control Panel Power

The machine is provided with two power switches, a main power switch and a control panel power switch.

How to Turn ON the Main Power

This section explains how to turn ON the main power.

IMPORTANT

If you want to turn OFF the main power and then back ON again, wait for at least 10 seconds after the main power indicator is turned OFF before turning ON the main power.

Make sure that the power plug is firmly inserted into the power outlet.

WARNING

Do not connect or disconnect the power cord with wet hands, as this may result in electrical shock.

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Turn ON the main power.



- 1. Open the main power switch cover.
- 2. Press the main power switch to the "I" side.
- 3. Close the main power switch cover.

The main power indicator on the control panel lights when you turn ON the main power switch.

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Various screens appear when system software is loading.

If you are using a login service, log in using the procedure for the login service you are using.

NOTE 🖉

- You can change the default display that appears after the machine is turned ON from [Default Screen at
- Startup] on the Settings/Registration screen. (See e-Manual > Settings/Registration.)
- If this machine is connected to a powered off Macintosh computer by USB cable, the computer may turn on automatically when this machine does. In this case, disconnect the USB cable from the machine. You may also
- be able to solve this problem by using a USB hub between the machine and the Macintosh.
- If you are using Department ID Management with the Card Reader-C1, see e-Manual > Optional Products/ Software.
- If you are using Department ID Management, see e-Manual > Basic Operations.
- If you are using SSO-H, see e-Manual > Basic Operations.

Control Panel Power Switch

If the machine is idle for a certain period of time, the machine will enter the Auto Sleep mode to minimize energy consumption.





The machine can receive and print documents from a personal computer when it is in the Sleep mode. I-fax and fax documents can also be received while the machine is in the Sleep mode.



Shutting Down the Machine

This machine performs a procedure to protect memory when the machine is shut down. This enables the machine to be shut down safely, even if there are any jobs being processed, or a MEAP application is running while the machine is shutting down.



- 1. Open the main power switch cover.
- 2. Press the main power switch to the "ரு" side.
- 3. Close the main power switch cover.

IMPORTANT

- Do not turn the main power OFF if the Fax Board is installed. Sending or receiving I-fax or fax documents cannot be done when the main power is turned OFF.
- The machine may take some time to completely shutdown. Do not unplug the power cord until the main power indicator of the machine is OFF. • If the main power is turned OFF during scanning or printing, a paper jam may occur.

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Specifications

Specifications are subject to change without notice for product improvement or future release.

Main Unit

ltem	Specifications		
Name	Canon imageRUNNER ADVANCE C2030/C2020		
Туре	Desktop		
Color Supported	Full Color		
Resolution for Reading	600 x 600 dpi		
Resolution for Writing	1,200 x 1,200 dpi		
Number of Tones	256		
Available Paper	Paper Drawers:		
	Weight:		
	Paper Drawer 1: 17 to 32 lb bond (64 to 120 g/m²) Paper Drawer 2: 17 lb bond to 60 lb cover (64 to 163 g/m²)		
	Туре:		
	Paper Drawer 1: Thin (16 to 17 lb bond (60 to 64 g/m ²)), Plain 1 (18 to 21 lb bond (65 to 82 g/m ²)), Plain 2 (22 to 26 lb bond (83 to 99 g/m ²)), Plain 3 (27 to 28 lb bond (100 to 105 g/m ²)), Recycled, Color, Pre-Punched, Bond, and Heavy 1 (29 to 32 lb bond (106 to 120 g/m ²))		
	Paper Drawer 2: Thin (16 to 17 lb bond (60 to 64 g/m ²)), Plain 1 (18 to 21 lb bond (65 to 82 g/m ²)), Plain 2 (22 to 26 lb bond (83 to 99 g/m ²)), Plain 3 (27 to 28 lb bond (100 to 105 g/m ²)), Recycled, Color, Pre-Punched, Bond, Heavy 1 (29 to 32 lb bond (106 to 120 g/m ²)), Heavy 2 (33 lb bond to 60 lb cover (121 to 163 g/m ²)), Transparency, and Envelopes		
	Multi-Purpose Tray:		
	Weight:		
	17 lb bond to 80 lb cover (64 to 220 g/m²)		
	Туре:		
	Thin (16 to 17 lb bond (60 to 64 g/m ²)), Plain 1 (18 to 21 lb bond (65 to 82 g/m ²)), Plain 2 (22 to 26 lb bond (83 to 99 g/m ²)), Plain 3 (27 to 28 lb bond (100 to 105 g/m ²)), Recycled, Color, Pre-Punched, Bond, Heavy 1 (29 to 32 lb bond (106 to 120 g/m ²)), Heavy 2 (33 lb bond to 60 lb cover (121 to 163 g/m ²)), Heavy 3 (61 to 80 lb cover (164 to 220 g/m ²)), Tracing, Coated, Labels, Transparency, and Envelopes		
Acceptable Originals	Sheet, book, three dimensional objects (up to 2 kg)		
Paper Sizes	Paper Drawer 1:		
	11" x 17", LGL, LTR, LTRR, EXEC, and Custom size (5 7/8" x 7 1/8" to 11 3/4" x 16 1/2" (148 mm x 182 mm to 297 mm x 420 mm))		
	Paper Drawer 2:		
	12" x 18", 11"x 17", LGL, LTR, LTRR, STMTR, EXEC, Custom size (5 1/2" x 7 1/8" to 12" x 15 3/8" (140 mm x 182 mm to 304 mm x 457 mm)), and Envelopes (except for ISO-B5)		
	Multi-Purpose Tray:		
	12" x 18", 12 5/8" x 17 11/16", 11"x 17", LGL, LTR, LTRR, STMTR, STMT, EXEC, Custom size (3 7/8" x 5 1/2" to 12 5/8" x 18" (99 mm x 140 mm to 320 mm x 457 mm)), and Envelopes		
Warm-Up Time	After Powering ON: 38 seconds Returning from the Sleep mode: 10 seconds *Activation time may vary depending on the environment and conditions under which the machine is being used. (At a room temperature of 68°F in all above cases.)		
First Copy Time	Full Color: 8.9 seconds		
	Black-and-White: 5.9 seconds		

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ltem		Specifications		
Copy Speed	1:1 (sheet/minute			
(Except when paper is fed from the		imageRUNNER ADVANCE C2030	imageRUNNER ADVANCE C2020	
Multi-Purpose Tray)	12″ x 18″	14	14	
	11″x 17″	15	15	
	LGL	15	15	
	LTR	30	20	
	LTRR	20	20	
	STMTR	30	20	
	EXEC	30	20	
Margin	Top: 1/8" (4.0 mm) Left and Right: 1/8 Bottom: 1/8" (2.5 r	3″ (2.5 mm)		
Magnification Paper Feeding System/Capacity	Regular paper sizeSame Ratio Direct Reduction $1:0.78 (LGL \rightarrow LTR)$ $1:0.73 (11" x 17" \rightarrow LGL, 11" x 15" \rightarrow LTR)$ $1:0.73 (11" x 17" \rightarrow LTR)$ $1:0.64 (11" x 17" \rightarrow LTR)$ 			
		20 lb bond (80 g/m²))		
Multiple Copies Power Source		1 to 999 sheets 120 - 127V AC, 60Hz, 7.5A		
Power Source Power Consumption				
	Maximum Power Consumption 1.5 kW			
	When the machine is in the Sleep mode:			
	1 W			
	Scanner (Platen Glass):			
	From the main unit/Approximately 21 W			
Dimensions (H x W x D)		26 3/4" (928 mm x 565 mm x 680 mm)		
Weight	Approximately 19			
Installation Space (W x D)		346 mm x 680 mm) (when the multi-purpose tray is ex	(tended)	
	JJ 1/7 X 20 J/4 (0	sho min x ooo min (when the multi-pulpose tray is ex	Actived)	

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Feeder

ltem	Specifications	
Original Feeding Mechanism	Automatic Document Feeder	
Size and Weight of Originals	11" x 17", LGL, LTR, LTRR, and STMT: 13 to 32 lb bond (50 to 128 g/m ²)	
Original Tray Capacity	50 sheets (20 lb bond (80 g/m²))	
Original Scanning Speed	Copying: 1-sided scanning: 30 sheets/minute (LTR in Black-and-White/Full Color at 600 dpi)	
	Scanning: 1-sided scanning: 44 sheets/minute (LTR in Black-and-White/Full Color at 300 dpi)	
Power Source/Consumption	From the main unit/Approximately 32 W	
Dimensions (H x W x D)	5 1/2" x 22 1/4" x 21 1/4" (140 mm x 565 mm x 540 mm)	
Weight	Approximately 17 lb (7.9 kg)	

Cassette Feeding Unit-AF1

ltem	Specifications
Paper Sizes	11" x 17", LGL, LTR, LTRR, STMTR, 12" x 18", EXEC, and Custom size (5 1/2" x 7 1/8" to 12" x 15 3/8" (140 mm x 182 mm to 304 mm x 457 mm))
Paper Drawers Capacity	550 sheets x 2 cassettes (20 lb bond (80 g/m²)) 680 sheets x 2 cassettes (17 lb bond (64 g/m²))
Power Source/Maximum Power Consumption	From the main unit/Approximately 30 W
Dimensions (H x W x D)	9 3/4″ x 22 1/4″ x 25 5/8″ (248 mm x 565 mm x 650 mm)
Weight	Approximately 61 lb (27.5 kg)

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Envelope Feeder Attachment-D1

ltem	Specifications	
Acceptable Envelopes	COM10 No.10, Monarch, DL, ISO-C5	
Capacity	50 sheets (or 1 1/4" (30 mm) in height)	
Feeding Speed	Monarch, DL, ISO-C5: 12 cpm	
	COM10: 10 cpm	
Dimensions (H x W x D)	3 1/4" x 17 1/4" x 12 1/8" (81 mm x 439 mm x 307 mm)	
Weight	Approximately 2.6 lb (1.2 kg)	

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Inner Finisher-C1

ltem	Specifications			
Paper Size/Weight/Type	Size:			
	12" x 18", 12 5/8" x 17 11/16", 11" x 17", LGL, LTR, LTRR, STMT, STMTR, EXEC, Custom size (3 7/8" x 5 1/2" to 12 5/8" x 18" (99 mm x 140 mm to 320 mm x 457 mm)), and Envelopes			
	Weight:			
	17 lb bond to 80 lb cover (64 to 220 g/m ²)			
	Туре:			
	Thin (16 to 17 lb bond (60 to 64 g/m ²)), Plain 1 (18 to 21 lb bond (65 to 82 g/m ²)), Plain 2 (22 to 26 lb bond (83 to 99 g/m ²)), Plain 3 (27 to 28 lb bond (100 to 105 g/m ²)), Recycled, Color, Pre-Punched, Bond, Heavy 1 (29 to 32 lb bond (106 to 120 g/m ²)), Heavy 2 (33 lb bond to 60 lb cover (121 to 163 g/m ²)), Heavy 3 (61 to 80 lb cover (164 to 220 g/m ²)), Tracing, Coated, Labels, Transparency, and Envelopes			
Capacity Per Tray (Standard Tray)	No Collating, Collate, Group mode:			
	LTR:			
	750 sheets (or 3 3/4" (94 mm) in height)			
	12" x 18", 12 5/8" x 17 11/16", 11" x 17", LGL, and LTRR:			
	500 sheets (or 2 1/2" (62.5 mm) in height)			
	Collate + Offset, Group + Offset mode:			
	LTR:			
	750 sheets (or 3 3/4" (94 mm) in height)			
	11" x 17", LGL, and LTRR:			
	350 sheets (or 1 3/4" (44 mm) in height)			
	Staple mode:			
	LTR:			
	30 sets (or 3 3/4" (94 mm) in height)			
	11" x 17", LGL, LTRR:			
	30 sets (or 1 3/4" (44 mm) in height)			
	No Collating, Collate, Group mode with different paper sizes:			
	350 sheets (or 1 3/4" (44 mm) in height)			
	Staple mode with different paper sizes:			
	30 sets (or 1 3/4" (44 mm) in height)			
Capacity Per Tray (Inner Finisher	No Collating, Collate, Group mode:			
Additional Tray-A1)	12" x 18", 12 5/8" x 17 11/16", 11" x 17", LGL, LTR, and LTRR:			
	100 sheets (or 1/2" (12.5 mm) in height)			
	Collate + Offset, Group + Offset mode:			
	11" x 17", LGL, LTR, and LTRR:			
	100 sheets (or 1/2" (12.5 mm) in height)			
	Staple mode:			
	11" x 17", LGL, LTR, LTRR:			
	15 sets (or 3/8" (8.1 mm) in height)			
	No Collating, Collate, Group mode with different paper sizes:			
	100 sheets (or 1/2" (12.5 mm) in height)			
	Staple mode with different paper sizes:			
	15 sets (or 3/8" (8.1 mm) in height)			

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Specifications
Corner Staple/Double Staple mode:
LTR:
50 sheets (Thin (16 to 17 lb bond (60 to 64 g/m ²)), Plain 1 (18 to 21 lb bond (65 to 82 g/m ²)) 30 sheets (Plain 2 (22 to 26 lb bond (83 to 99 g/m ²)), Plain 3 (27 to 28 lb bond (100 to 105 g/m ²)) 2 sheets (Heavy 1 (29 to 32 lb bond (106 to 120 g/m ²)), Heavy 2 (33 lb bond to 60 lb cover (121 to 163 g/m ²)), Heavy 3 (61 to 80 lb cover (164 to 220 g/m ²))
11" x 17", LGL, LTRR:

	11" x 17", LGL, LTRR:		
	30 sheets (Thin (16 to 17 lb bond (60 to 64 g/m ²)), Plain 1 (18 to 21 lb bond (65 to 82 g/m ²)) 20 sheets (Plain 2 (22 to 26 lb bond (83 to 99 g/m ²)), Plain 3 (27 to 28 lb bond (100 to 105 g/m ²)) 2 sheets (Heavy 1 (29 to 32 lb bond (106 to 120 g/m ²)), Heavy 2 (33 lb bond to 60 lb cover (121 to 163 g/m ²)), Heavy 3 (61 to 80 lb cover (164 to 220 g/m ²))		
Power Source/Maximum Power Consumption	From the main unit/Approximately 48 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 (14.0 kg) (when the optional Inner Finisher Additional Tray-A1 is attached)		
Installation Space Including the Main Unit (W x D)	h 44 5/8" x 26 3/4" (1,133 mm x 680 mm) (when the multi-purpose tray and the auxiliary tray are extended)		

Inner Finisher Additional Tray-A1

Item Max. Stapling Capacity/Available

Staple Size

ltem	Specifications	
Paper Size/Weight/Type	See specification of "Paper Size/Weight/Type" in Inner Finisher-C1.	
Capacity Per Tray	See specification of "Capacity Per Tray (Inner Finisher Additional Tray-A1)" in Inner Finisher-C1.	
Dimensions (H x W x D)	2 1/4" x 8 1/8" x 17 3/4" (57 mm x 207 mm x 450 mm)	
Weight	Approximately 3 lb (1.4 kg)	

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Inner 2 Way Tray-F1

ltem	Specifications		
Paper Size/Weight/Type	Size:		
	12" x 18", 12 5/8" x 17 11/16", 11" x 17", LGL, LTR, LTRR, STMT, STMTR, EXEC, Custom size (3 7/8" x 5 1/2" to 12 5/8" x 18" (99 mm x 140 mm to 320 mm x 457 mm)), and Envelopes		
	Weight:		
	17 lb bond to 80 lb cover (64 to 220 g/m²)		
	Туре:		
	Thin (16 to 17 lb bond (60 to 64 g/m ²)), Plain 1 (18 to 21 lb bond (65 to 82 g/m ²)), Plain 2 (22 to 26 lb bond (83 to 99 g/m ²)), Plain 3 (27 to 28 lb bond (100 to 105 g/m ²)), Recycled, Color, Pre-Punched, Bond, Heavy 1 (29 to 32 lb bond (106 to 120 g/m ²)), Heavy 2 (33 lb bond to 60 lb cover (121 to 163 g/m ²)), Heavy 3 (61 to 80 lb cover (164 to 220 g/m ²)), Tracing, Coated, Labels, Transparency, and Envelopes		
Capacity Per Tray	Tray A:		
	LTR, STMT, and Envelopes		
	250 sheets (20 lb bond (80 g/m²))		
	STMTR		
	150 sheets (20 lb bond (80 g/m²))		
	12" x 18", 12 5/8" x 17 11/16", 11" x 17", LGL, LTRR, STMTR, EXEC, and Custom size (3 7/8" x 5 1/2" to 12 5/8" x 18" (99 mm x 140 mm to 320 mm x 457 mm)) 100 sheets (20 lb bond (80 g/m ²))		
	Tray B:		
	12" x 18", 12 5/8" x 17 11/16", 11" x 17", LGL, LTR, LTRR, STMT, STMTR, EXEC, Custom size (3 7/8" x 5 1/2" to 12 5/8" x 18" (99 mm x 140 mm to 320 mm x 457 mm)), and Envelopes		
	100 sheets (20 lb bond (80 g/m²))		
Dimensions (H x W x D)	3″ x 16 3/4″ x 16″ (76 mm x 426 mm x 407 mm)		
Weight	Approximately 1 lb (574 g)		
Installation Space Including the Main Unit (W x D)	n 33 1/4" x 26 3/4" (846 mm x 680 mm) (when the multi-purpose tray is extended)		

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Copy Tray-J1

Item Specifications		
Paper Size/Weight/Type	Size:	
	11" x 17", LGL, LTR, LTRR, STMTR, EXEC	
	Weight:	
	17 lb bond to 32 lb cover (64 to 120 g/m²)	
	Type:	
	Thin (16 to 17 lb bond (60 to 64 g/m ²)), Plain 1 (18 to 21 lb bond (65 to 82 g/m ²)), Plain 2 (22 to 26 lb bond (83 to 99 g/m ²)), Plain 3 (27 to 28 lb bond (100 to 105 g/m ²)), Recycled, Color, Pre-Punched, Bond, and Heavy 1 (29 to 32 lb bond (106 to 120 g/m ²))	
Capacity	LTR, STMTR:	
	100 sheets (20 lb bond (80 g/m²))	
	11" x 17", LGL, LTRR, EXEC:	
	75 sheets (20 lb bond (80 g/m²))	
Dimensions (H x W x D)	5 5/8" x 14 3/8" x 14 5/8" (144 mm x 365 mm x 373 mm) (when the auxiliary tray is extended) 3 3/8" x 9 5/8" x 14 5/8" (87 mm x 243 mm x 373 mm) (when the auxiliary tray is not extended)	
Weight	Approximately 0.9 lb (438 g)	
Installation Space Including the Main Unit (W x D)	36 5/8" x 26 3/4" (930 mm x 680 mm) (when the auxiliary tray is extended)	

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Card Reader-C1

ltem	Specifications		
Available Cards	Magnetic		
Card Readout Method	Magnetic readout		
Magnetic Card Reading Direction	ace up		
Store/Replay	Replay		
Power Source	From the main unit		
Dimensions (H x W x D)	1 1/4" x 3 1/2" x 3 7/8" (32 mm x 88 mm x 100 mm)		
Weight	Approximately 0.6 lb (295 g)		

Super G3 FAX Board

NOTE

Specifications remain the same even when the Super G3 2nd Line FAX Board is installed.

ltem	Specifications		
Telephone Line Used ^{*1}	Public Switched Telephone Network		
Scan Line Density (Scan, Transmission)	Normal: 8 pels ^{*2} /mm x 3.85 line/mm Fine: 8 pels ^{*2} /mm x 7.7 line/mm Super-Fine: 8 pels ^{*2} /mm x 15.4 line/mm Ultra-Fine: 16 pels ^{*2} /mm x 15.4 line/mm		
Transmission Speed	Super G3: 33.6 kbps, G3: 14.4 kbps		
Compression Method	MH, MR, MMR, JBIG		
Transmission Type	Super G3, G3		
Sending Original Sizes	11" x 17" to STMT		
Receiving Paper Sizes	11" x 17" to STMT		
Transmission Times	JBIG: Approximately 2.6 seconds		
Auto Dial Function	Address Book: 1,800 destinations (including destinations stored in one-touch buttons)		
Image Memory	Approximately 6,000 pages		

*1 When using an IP telephone service, facsimile communication may not be performed normally via an IP telephone line. It is recommended to use facsimile communication via a general telephone (Public Switched Telephone Network) line.

*2 Pels stands for picture elements (pixels).



Send Function

• Scan Features

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ltem	Specifications			
Communication Protocol	FTP (TCP/IP), SM	FTP (TCP/IP), SMB (TCP/IP), WebDAV		
Data Format	TIFF, JPEG, PDF, X	TIFF, JPEG, PDF, XPS		
Resolution	100 x 100 dpi, 15 dpi	100 x 100 dpi, 150 x 150 dpi, 200 x 100 dpi, 200 x 200 dpi, 200 x 400 dpi, 300 x 300 dpi, 400 x 400 dpi, 600 x 600 dpi		
System Environment		Windows 2000 (SP1 or later), Windows XP, Windows Vista, Windows 7, Windows Server 2003, Windows Server 2008, Mac OS X, Red Hat Linux 7.2, Solaris Version 2.6 or later		
Interface	1000BASE-T, 100	1000BASE-T, 100BASE-TX, 10BASE-T		
Color Mode	Automatic-Color Select (Full Color/Grayscale), Automatic-Color Select (Full Color/Black-and-White), Full Color, Grayscale, Black-and-White			
Original Type	Text, Text/Photo, Photo			
Other	Preview, Browse Windows (SMB) File Server			
Optional PDF/XPS Functions	PDF	Compact, Trace and Smooth, Encryption, OCR, Device Signature, User Signature, Optimization for Web ^{*1} , PDF/A-1b, Reader Extensions, Policy		
	XPS	Compact, OCR, Device Signature, User Signature		

*1 PDF files optimized for Web viewing.

• E-Mail and I-Fax Features

ltem	Specifications		
Communication Protocol	SMTP, POP3		
I-Fax Communication Mode	Simple, Full		
Resolution	For Sending E-mail	100 x 100 dpi, 150 x 150 dpi, 200 x 100 dpi, 200 x 200 dpi, 200 x 400 dpi, 300 x 300 dpi, 400 x 400 dpi, 600 x 600 dpi	
	For Sending I-Fax (Black-and-White)	200 x 100 dpi, 200 x 200 dpi, 200 x 400 dpi ^{*1} , 300 x 300 dpi ^{*1} , 400 x 400 dpi ^{*1} , 600 x 600 dpi ^{*1}	
Format	E-mail	TIFF, JPEG, PDF, XPS	
	l-Fax (Black-and-White)	TIFF (MH, MR ^{*1} , MMR ^{*1})	
Original Size	E-mail	11"x 17", LGL, LTR, LTRR, STMT, STMTR	
	I-Fax	11"x 17", LGL ^{*2} , LTR, LTRR, STMT ^{*2} , STMTR ^{*2}	
Server Software	Microsoft Exchange Server 2000 (SP3), Windows Server 2003 (SMTP Server), Sendmail 8.12.8, Lotus Domino R6.5		
Other	Searches a destination via the LDAP Server, Preview		
Optional PDF/XPS Functions (E-mail only)	PDF	Compact, Trace and Smooth, Encryption, OCR, Device Signature, User Signature, Optimization for Web ⁺³ , PDF/A-1b, Reader Extensions, Policy	
	XPS	Compact, OCR, Device Signature, User Signature	

*1 Available after setting RX conditions of the destination.
*2 Sent as LTR.
*3 PDF files optimized for Web viewing.

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Network Environment Hardware Specifications

Network Interface 10Base-T

10Base-T/100Base-TX/1000Base-T (RJ-45)

Software Specifications

Protocol Supported					
TCP/IP	Frame type:	Ethernet II			
	Print applications:	LPD/Raw/IPP/IPPS/FTP/WSD			
IPX/SPX	Frame type:	Ethernet II/Ethernet 802.2/Ethernet 802.3/Ethernet SNAP/Auto Detect			
	Print applications:	Bindery PServer/NDS PServer/RPrinter/NPrinter			
SMB/CIFS	Frame type:	Ethernet II			
	Print application:	SMB			
AppleTalk	Frame type:	Ethernet SNAP			
	Print application:	PAP (Printer Access Protocol)			

Printer Settings

Software Specifications

Command Language	PCL5e, PCL6, PostScript 3		
Resident Fonts	PCL:	93 Scalable fonts, 2 OCR fonts, and 10 Bitmap fonts	
	PS:	138 Scalable fonts	
Printable Area	PCL5e, PCL6:	Reduced to 1/6" (4.23 mm) from the top, bottom, left, and right edges of the paper.	
	PostScript 3:	Reduced to 1/6" (4 mm) from the top, bottom, left, and right edges of the paper.	

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