Canon

imageRUNNER
ADVANCE
C2030/C2030H/C2025H
C2020/C2020H

Before Using This Machine

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.

ENG

Manuals for the Machine

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
- 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.

CD-ROM

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/C2030H/C2025H/C2020/C2020H. 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.

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.

| ⚠ WARNING	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.
⚠ CAUTION	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.
✋ IMPORTANT	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.
🚫	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: ⓞ(Start)
                     ◁(Stop)
- Buttons on Computer Operation Screens: [Button Name]
  Example: [OK]
                     [Add]

Illustrations Used in This Manual

Illustrations used in this manual are those displayed when the imageRUNNER ADVANCE C2030H 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.
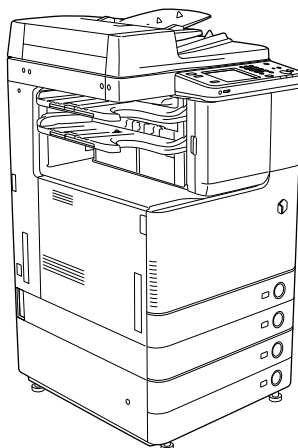
Abbreviations Used in This Manual

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

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

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Except as otherwise stated, any reference to a "PostScript printing device," "PostScript display device," or similar item refers to a printing device, display device or item (respectively) that contains PostScript technology created or licensed by Adobe Systems Incorporated and not to devices or items that purport to be merely compatible with the PostScript language.
Adobe, the Adobe logo, PostScript, the PostScript logo, and PostScript 3 are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries.
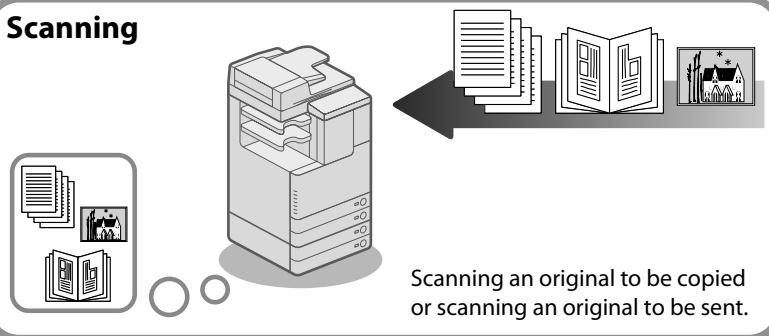Linux is a registered trademark of Linus Torvalds. Microsoft and Windows are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

Adobe® PDF

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.

Scanning

Scanning an original to be copied or scanning an original to be sent.

Printing

Outputting a copy or outputting data sent from the computer to the machine.

Copying
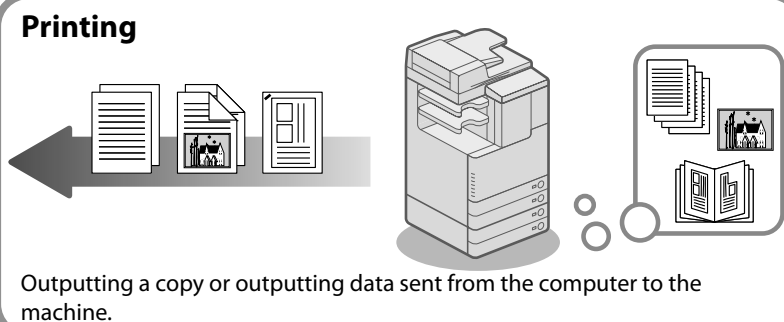
Printing data scanned from an original, followed by finishing options, such as stapling.

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.

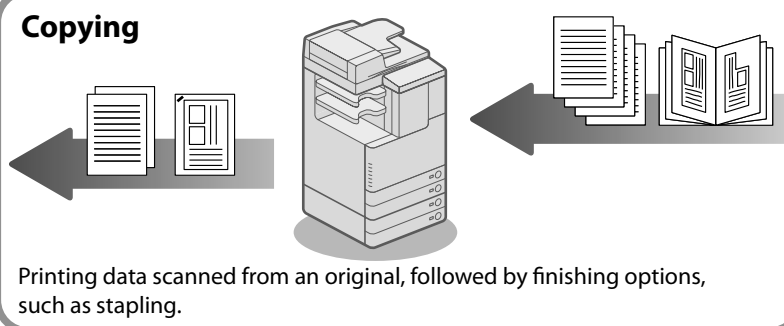- imageRUNNER ADVANCE C2030/C2030H (F155800)
- imageRUNNER ADVANCE C2025H (F155800)
- imageRUNNER ADVANCE C2020/C2020H (F155800)

EMC requirements of EC Directive

This equipment conforms with the essential EMC requirements of EC Directive. We declare that this product conforms with the EMC requirements of EC Directive at nominal mains input 230 V, 50 Hz although the rated input of the product is 220 to 240 V, 50/60 Hz. Use of shielded cable is necessary to comply with the technical EMC requirements of EC Directive.

Laser Safety

This Product is certified as a Class I laser product under IEC60825-1:2007 and EN60825-1:2007. 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.

Additional Information

When servicing or adjusting the optical system of the product, be careful not to place screwdrivers or other shiny objects in the path of the laser beam. Also, accessories such as watches and rings should be removed before working on the product.

The reflected beam, even though visible or invisible, can permanently damage your eyes.

The label shown below is attached to the paper drawer's right cover and toner supply port cover.
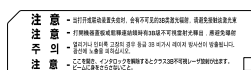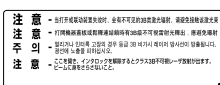
This Product has been classified under IEC60825-1:2007 and EN60825-1:2007, which conform to the following classes;

CLASS 1 LASER PRODUCT
LASER KLASSE 1
APPAREIL A LASER DE CLASSE 1
APPARECCHIO LASER DI CLASSE 1
PRODUCTO LASER DE CLASE 1
APARELHO A LASER DE CLASSE 1
LUOKAN 1 LASER-TUOTE
LASERPRODUKT KLASS 1

⚠ CAUTION

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

IPv6 Ready Logo

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

Copyright

Third Party Software

A. This product includes third-party software modules. Use and distribution of this software modules, including any updates of such software modules (collectively, the "SOFTWARE") are subject to conditions (1) through (9) below.

(1) You agree that you will comply with any applicable export control laws, restrictions or regulations of the countries involved in the event that this product including the SOFTWARE is shipped, transferred or exported into any country.

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The Software Licensed under Open Source Licenses

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Please refer to the e-Manual included with this product for more details and corresponding license conditions.

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Using your product to scan, print or otherwise reproduce certain documents, and the use of such images as scanned, printed or otherwise reproduced by your product, may be prohibited by law and may result in criminal and/or civil liability. A non-exhaustive list of these documents is set forth below. This list is intended to be a guide only. If you are uncertain about the legality of using your product to scan, print or otherwise reproduce any particular document, and/or of the use of the images scanned, printed or otherwise reproduced, you should consult in advance with your legal advisor for guidance.

- Paper Money
- 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

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 Public Switched Telephone Network (PSTN) currently supports 28.8 Kbps modem speeds or slower, depending on telephone line conditions.

⚠️ 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 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**
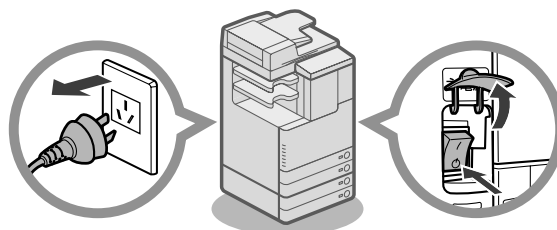
⚠️ CAUTION

- **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.**
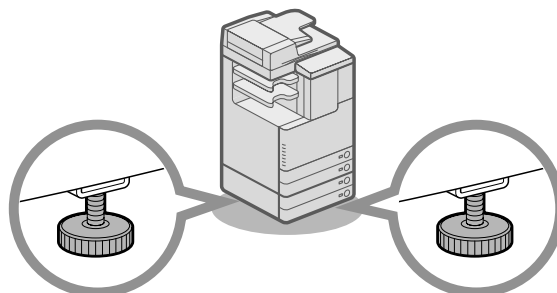
Power supply

⚠️ **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

⚠️ **WARNING**

- **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.**

⚠ CAUTION

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

- **Do not press down hard on the feeder/platen cover 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.**
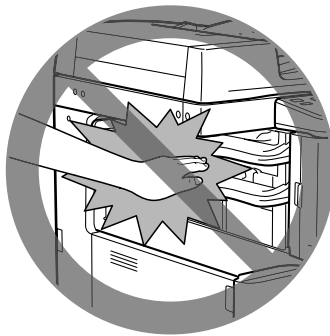
Inner Finisher-C1

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

- **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 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.**

✋ IMPORTANT

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.

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.**
  - **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.**

⚠ CAUTION

- **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

⚠ WARNING

- **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.**

⚠ CAUTION

- **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.**

Other Warnings

⚠ WARNING

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.

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.
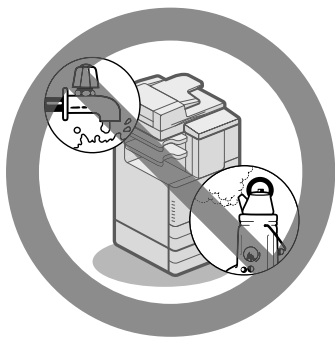
● **Avoid installing the machine in direct sunlight.**

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.
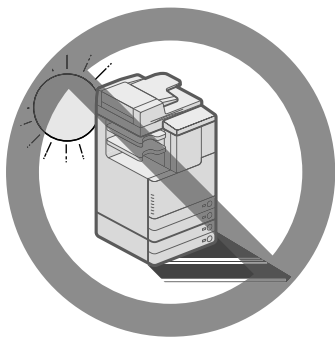
● **Avoid poorly ventilated locations.**

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.

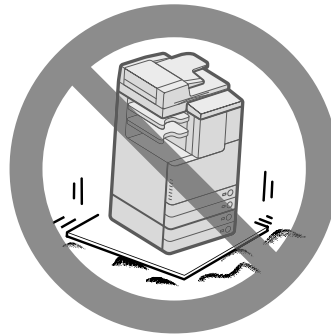● **Avoid locations where a considerable amount of dust accumulates.**

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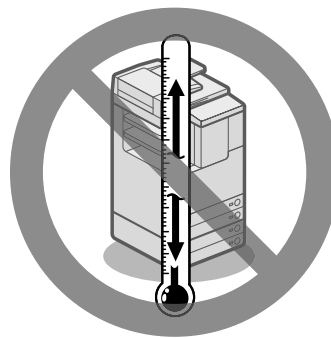
● **Avoid installing the machine near computers or other precision electronic equipment.**

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.

● **Contact an authorized Canon dealer if communication is unavailable.**

Depending on your locale or your telephone connection, you may be unable to perform data communication. In this case, contact your local authorized Canon dealer.

● **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 220 - 240 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.**
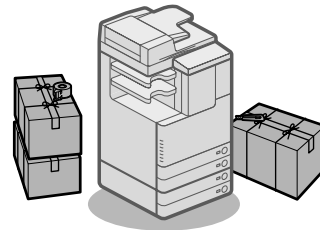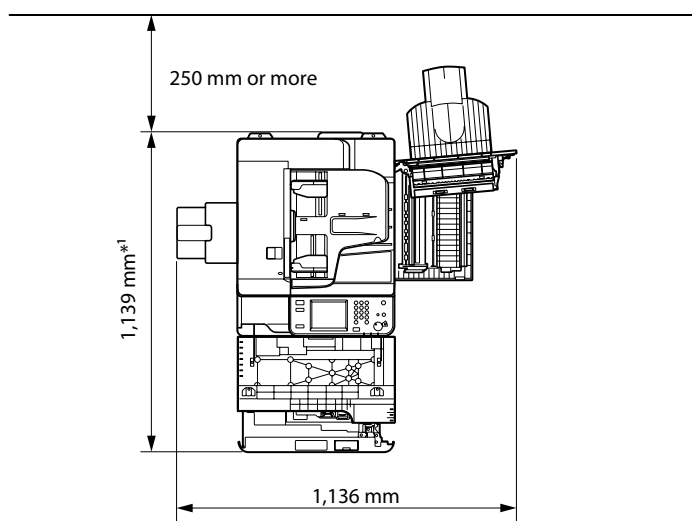
Provide Adequate Installation Space

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

● **When no option is attached**
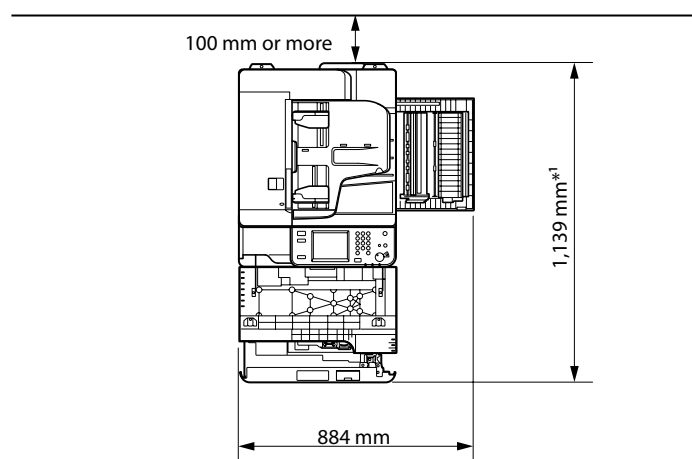
100 mm or more

1,139 mm*1

884 mm

*1 Depending on the region, the depth is 1,109 mm when you are using the imageRUNNER ADVANCE C2020 with the Platen Cover Type R attached.

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


250 mm or more

1,139 mm*1

1,136 mm

*1 Depending on the region, the depth is 1,109 mm when you are using the imageRUNNER ADVANCE C2020 with the Platen Cover Type R 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.
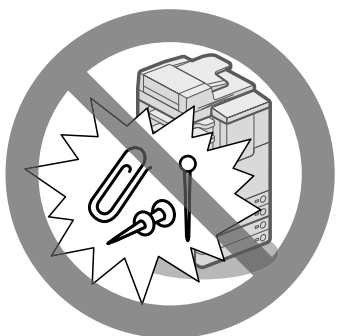
● If there is smoke, or unusual noise, immediately turn the main power switch OFF, disconnect the power cord from the power outlet, and then call your local authorized Canon dealer. Using the machine in this state may cause a fire or electrical shock. Also, avoid placing objects around the power plug so that the machine can be disconnected whenever necessary.
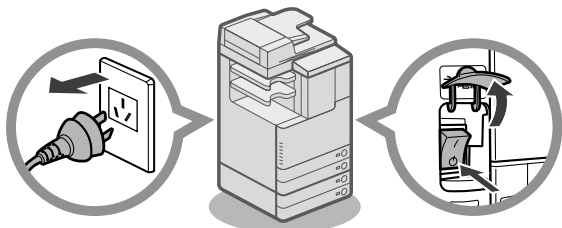
● Do not turn the main power switch OFF or open the front covers while the machine is in operation. This may result in paper jams.

● 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.
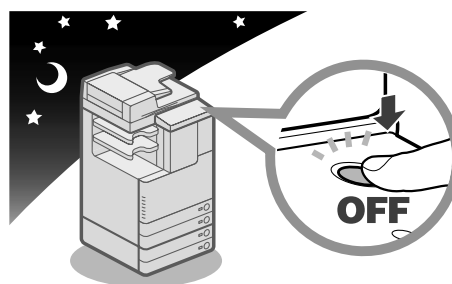
● Use a modular cable that is shorter than 3 meters.

● Use a USB cable that is shorter than 3 meters.

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 Settings Information		
Web Access Favorites		
Printer Settings		
Paper Information		
Quick Menu Information		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.)
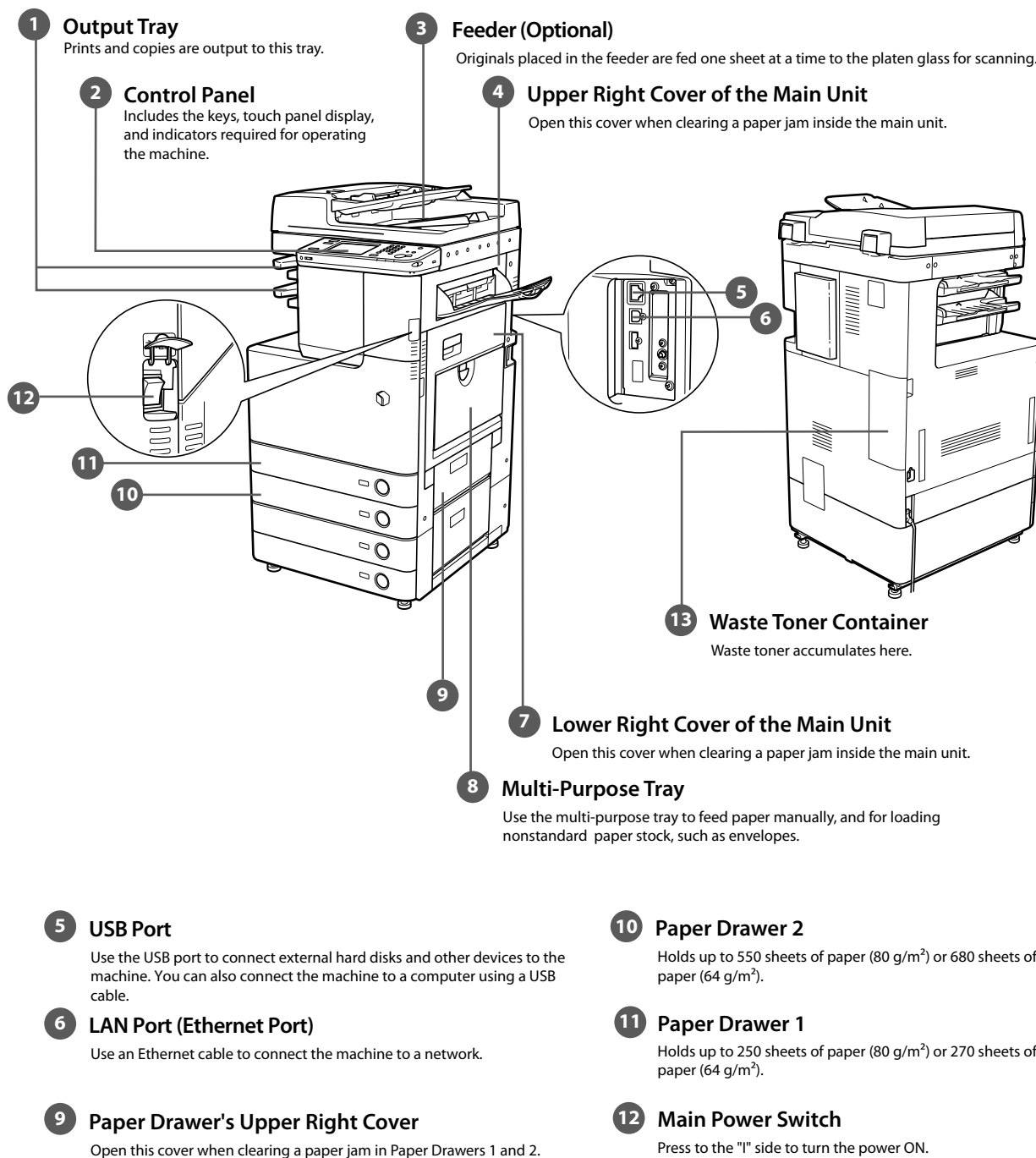
Parts and Their Functions

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.

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

1 Output Tray
Prints and copies are output to this tray.

2 Control Panel
Includes the keys, touch panel display, and indicators required for operating the machine.

3 Feeder (Optional)
Originals placed in the feeder are fed one sheet at a time to the platen glass for scanning.

4 Upper Right Cover of the Main Unit
Open this cover when clearing a paper jam inside the main unit.

13 Waste Toner Container
Waste toner accumulates here.

7 Lower Right Cover of the Main Unit
Open this cover when clearing a paper jam inside the main unit.

8 Multi-Purpose Tray
Use the multi-purpose tray to feed paper manually, and for loading nonstandard paper stock, such as envelopes.

5 USB Port
Use the USB port to connect external hard disks and other devices to the machine. You can also connect the machine to a computer using a USB cable.

6 LAN Port (Ethernet Port)
Use an Ethernet cable to connect the machine to a network.

9 Paper Drawer's Upper Right Cover
Open this cover when clearing a paper jam in Paper Drawers 1 and 2.

10 Paper Drawer 2
Holds up to 550 sheets of paper (80 g/m^2) or 680 sheets of paper (64 g/m^2).

11 Paper Drawer 1
Holds up to 250 sheets of paper (80 g/m^2) or 270 sheets of paper (64 g/m^2).

12 Main Power Switch
Press to the "I" side to turn the power ON.

Internal 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

2 Fixing Unit's Upper Cover

Open this cover to clear a paper jam in the fixing unit.

1 Platen Glass

Use the platen glass when scanning books, thick originals, thin originals, transparencies, etc.

3 Duplexing Unit

Pull out the duplexing unit to clear a paper jam.
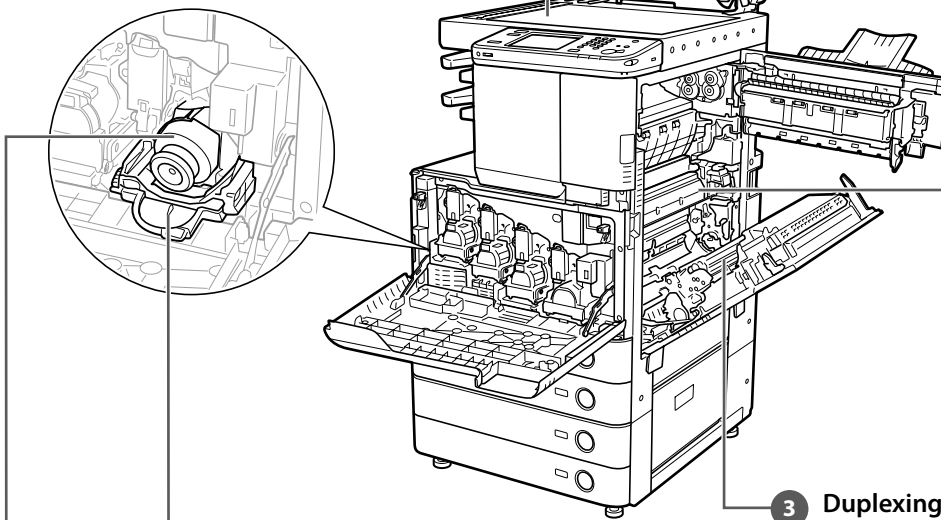
4 Toner Replacement Cover

Open this cover to replace the toner cartridge.

5 Toner Cartridge

When toner runs out, pull out the toner cartridge, and replace it with a new one. Toner cartridges are sold separately (not standard equipment).

Control Panel Parts and Functions
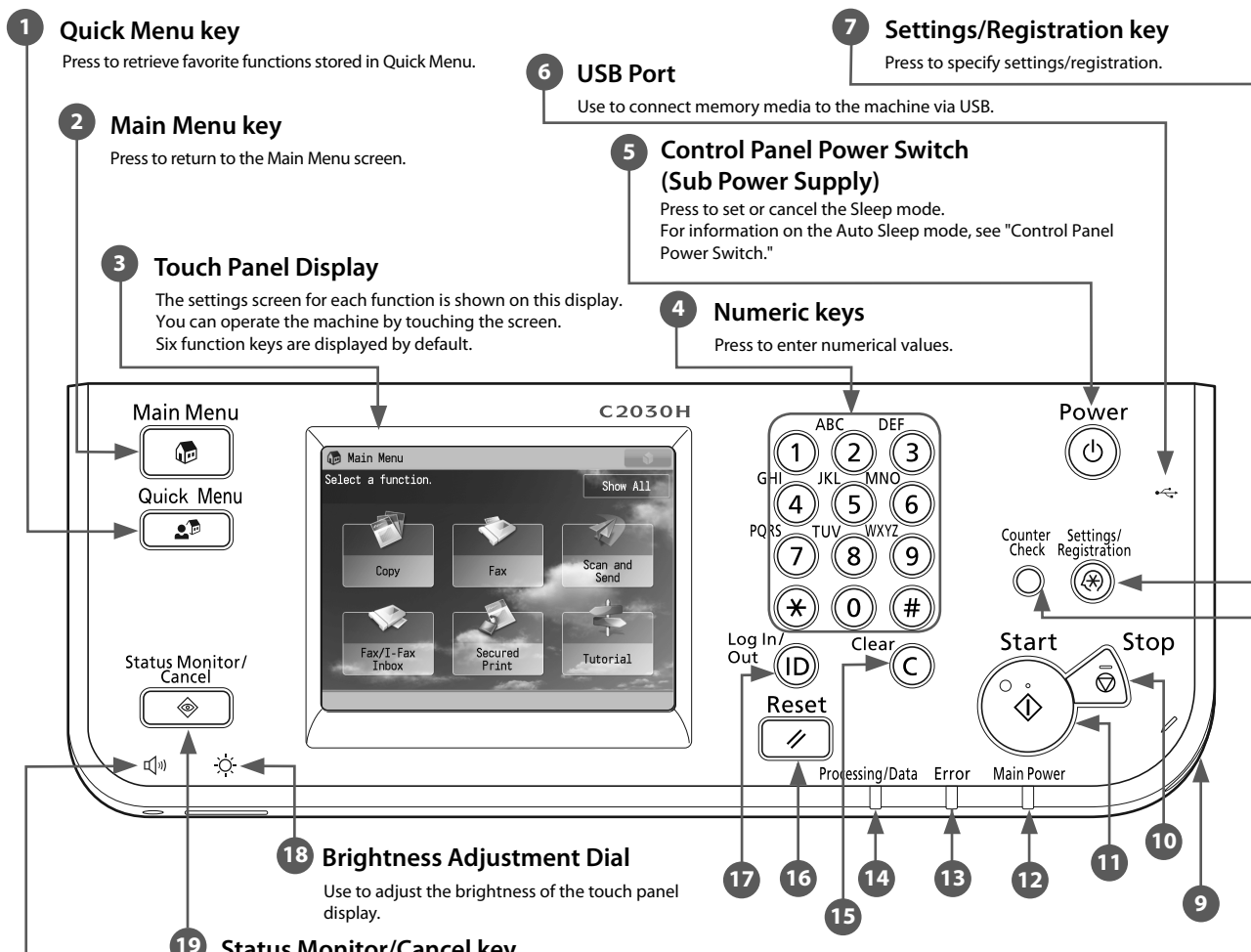
1 Quick Menu key

Press to retrieve favorite functions stored in Quick Menu.

7 Settings/Registration key

Press to specify settings/registration.

6 USB Port

Use to connect memory media to the machine via USB.

2 Main Menu key

Press to return to the Main Menu screen.

5 Control Panel Power Switch (Sub Power Supply)

Press to set or cancel the Sleep mode.
For information on the Auto Sleep mode, see "Control Panel Power Switch."

3 Touch Panel Display

The settings screen for each function is shown on this display.
You can operate the machine by touching the screen.
Six function keys are displayed by default.

4 Numeric keys

Press to enter numerical values.

18 Brightness Adjustment Dial

Use to adjust the brightness of the touch panel display.

19 Status Monitor/Cancel key

Press to check the status of jobs or to cancel print jobs.

8 Counter Check key

Press to display the copy and print count totals on the touch panel display.

20 Volume Settings Key

Press to display the screen for adjusting settings such as the transmission volume and fax sending/receiving alarm volume.

9 Edit Pen

Use when operating the touch panel display, such as to enter characters.

10 Stop key

Press to stop a job in progress.

11 Start key

Press to start an operation.

12 Main Power Indicator

Lights when the main power is turned ON.

13 Error Indicator

Flashes or lights if there is an error in the machine.

14 Processing/Data Indicator

Flashes or blinks green when the machine is performing operations, and maintains a steady green light when fax data is stored in memory.

15 Clear key

Press to clear entered values or characters.

16 Reset key

Press to restore the standard settings of the machine.

17 ID (Log In/Out) key

Press to log in/out when a login service is set.

⏻ 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.

1
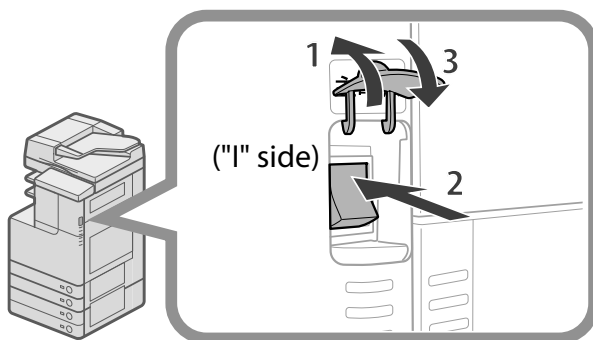
Make sure that the power plug is firmly inserted into the power outlet.

⚠ WARNING

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

2

Turn ON the main power.

("I" side)

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.

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.
- The response of the buttons and keys may not be optimal immediately after you turn ON the main power of the machine.
- If you are using Department ID Management with the Card Reader-C1/Copy Card Reader-F1, 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.
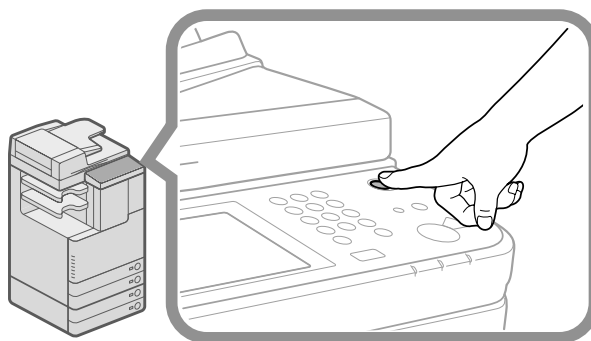

✎ NOTE

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

Turn OFF the main power.
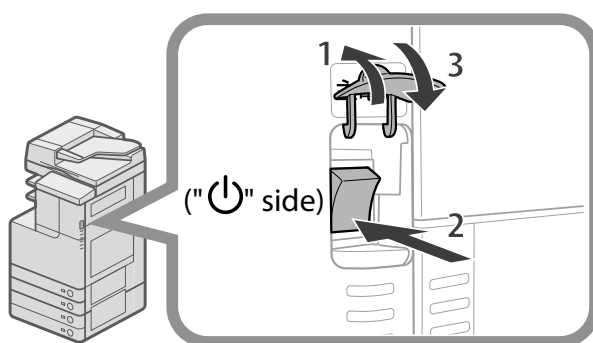
("⏻" side)

1. **Open the main power switch cover.**
2. **Press the main power switch to the "⏻" 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.

⚙ Specifications

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

Main Unit

Item	Specifications
Name	Canon imageRUNNER ADVANCE C2030/C2030H/C2025H/C2020/C2020H
Type	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: 64 to 120 g/m²
	    Paper Drawer 2[*1]: 64 to 163 g/m²
	  Type:
	
	    Paper Drawer 1:
	
	      Thin, Plain 1 (65 to 82 g/m²), Plain 2 (83 to 99 g/m²), Plain 3 (100 to 105 g/m²), Recycled, Color, Pre-Punched, Bond, and Heavy 1 (106 to 120 g/m²)
	    Paper Drawer 2[*1]:
	
	      Thin, Plain 1 (65 to 82 g/m²), Plain 2 (83 to 99 g/m²), Plain 3 (100 to 105 g/m²), Recycled, Color, Pre-Punched, Bond, Heavy 1 (106 to 120 g/m²), Heavy 2 (121 to 163 g/m²), Transparency, and Envelopes
	Multi-Purpose Tray:
	
	  Weight:
	
	    64 to 220 g/m²
	  Type:
	
	    Thin, Plain 1 (65 to 82 g/m²), Plain 2 (83 to 99 g/m²), Plain 3 (100 to 105 g/m²), Recycled, Color, Pre-Punched, Bond, Heavy 1 (106 to 120 g/m²), Heavy 2 (121 to 163 g/m²), Heavy 3 (164 to 220 g/m²), Tracing, Coated, Labels, Transparency, and Envelopes

Acceptable Originals	Sheet, book, three dimensional objects (up to 2 kg)

Paper Sizes	Paper Drawer 1:
	
	  A3, B4, A4, A4R, B5, B5R, A5R, and Custom size (148 mm x 182 mm to 297 mm x 420 mm)
	Paper Drawer 2[*1]:
	
	  305 mm x 457 mm, A3, B4, A4, A4R, B5, B5R, A5R, Custom size (140 mm x 182 mm to 304 mm x 457 mm), and Envelopes (except for ISO-B5)
	Multi-Purpose Tray:
	
	  305 mm x 457 mm, 320 mm x 450 mm (SRA3), A3, B4, A4, A4R, B5, B5R, A5, A5R, Custom size (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 20℃ in all above cases.)
First Copy Time	Full Color: 8.9 seconds Black-and-White: 5.9 seconds

Item	Specifications			
Copy Speed (Except when paper is fed from the Multi-Purpose Tray)	1:1 (sheet/minute)	imageRUNNER ADVANCE C2030/C2030H:	imageRUNNER ADVANCE C2025H:	imageRUNNER ADVANCE C2020/C2020H:
	305 mm x 457 mm	14	14	14
	A3	15	15	15
	B4	15	15	15
	A4	30	25	20
	A4R	20	20	20
	B5	30	25	20
	B5R	20	20	20
	A5R	30	25	20
Margin	Top: 4.0 mm Left and Right: 2.5 mm Bottom: 2.5 mm			

Magnification	Regular paper size Same Ratio
	     1:1
	    Reduction
	     1:0.86 (A3 → B4/A4 → B5)
	     1:0.81 (B4 → A4R/B5 → A5R)
	     1:0.70 (A3 → A4R/B4 → B5R)
	     1:0.61 (A3 → B5R)
	     1:0.50 (A3 → A5R)
	     1:0.25
	    Enlargement
	     1:1.15 (B4 → A3/B5 → A4)
	     1:1.22 (A4R → B4/A5 → B5)
	     1:1.41 (A4R → A3/B5R → B4)
	     1:2.00 (A5R → A3)
	     1:4.00
	Copy Ratio: 25 to 400% (in 1% increment)			

Paper Feeding System/Capacity	Paper Drawers:
	
	  Paper Drawer 1: 270 sheets (64 g/m²), 250 sheets (80 g/m²)
	  Paper Drawer2*¹: 680 sheets (64 g/m²), 550 sheets (80 g/m²)
	Multi-Purpose Tray:
	
	  100 sheets (80 g/m²)			

Multiple Copies	1 to 999 sheets			
Power Source	220 - 240 V AC, 50/60 Hz, 4A			

Power Consumption	Maximum Power Consumption
	
	  1.5 kW
	When the machine is in the Sleep mode:
	
	  1.5 W			

Dimensions (H x W x D)	928 mm x 565 mm x 680 mm: Depending on the region, the unit dimensions are 928 mm x 565 mm x 650 mm when you are using the imageRUNNER ADVANCE C2020.			
Weight	Approximately 87 kg Depending on the region, the weight of the unit is approximately 76 kg when you are using the imageRUNNER ADVANCE C2020.			
Installation Space (W x D)	846 mm x 680 mm (when the multi-purpose tray is extended) Depending on the region, the installation space is 846 mm x 650 mm (when the multi-purpose tray is extended) when you are using the imageRUNNER ADVANCE C2020.			

*1 Depending on the region, the Cassette Module-X1 is required to use Paper Drawer 2 when you are using the imageRUNNER ADVANCE C2020.

Feeder (DADF-AC1)

Item	Specifications
Original Feeding Mechanism	Automatic Document Feeder
Size and Weight of Originals	A3, B4, A4, A4R, B5, B5R, A5, A5R, B6 1-sided scanning: 42 to 128 g/m² 2-sided scanning: 50 to 128 g/m²
Original Tray Capacity	50 sheets (80 g/m²)

Original Scanning Speed	Copying:
	
	   1-sided scanning: 30 sheets/minute (A4 in Black-and-White/Full Color at 600 dpi)
	
	Scanning:
	
	   1-sided scanning: 44 sheets/minute (A4 in Black-and-White/Full Color at 300 dpi)

Power Source/Consumption	From the main unit/Approximately 32 W
	Document Feeder:
	   From the main unit/Approximately 32 W
	Scanner (Platen Glass):
	   From the main unit/Approximately 21 W

Dimensions (H x W x D)	140 mm x 565 mm x 540 mm
Weight	Approximately 7.9 kg

Cassette Feeding Unit-AF1

Item	Specifications
Paper Sizes	305 mm x 457 mm, A3, B4, A4, A4R, B5, B5R, A5R, Custom size (140 mm x 182 mm to 304 mm x 457 mm)
Paper Drawers Capacity	550 sheets x 2 cassettes (80 g/m²) 680 sheets x 2 cassettes (64 g/m²)
Power Source/Maximum Power Consumption	From the main unit/Approximately 30 W
Dimensions (H x W x D)	248 mm x 565 mm x 650 mm
Weight	Approximately 27.5 kg

Envelope Feeder Attachment-D1

Item	Specifications
Acceptable Envelopes	COM10 No.10, Monarch, DL, ISO-C5
Capacity	50 sheets (or 30 mm in height)
Feeding Speed	Monarch, DL, ISO-C5: 12cpm COM10: 10 cpm
Dimensions (H x W x D)	81 mm x 439 mm x 307 mm
Weight	Approximately 1.2 kg

Inner Finisher-C1

Item	Specifications
Paper Size/Weight/Type	**Size:** 305 mm x 457 mm, 320 mm x 450 mm (SRA3), A3, B4, A4, A4R, B5, B5R, A5, A5R, Custom size (99 mm x 140 mm to 320 mm x 457 mm), and Envelopes **Weight:** 64 to 220 g/m² **Type:** Thin, Plain 1 (65 to 82 g/m²), Plain 2 (83 to 99 g/m²), Plain 3 (100 to 105 g/m²), Recycled, Color, Pre-Punched, Bond, Heavy 1 (106 to 120 g/m²), Heavy 2 (121 to 163 g/m²), Heavy 3 (164 to 220 g/m²), Tracing, Coated, Labels, Transparency, and Envelopes
Capacity Per Tray (Standard Tray)	**No Collating, Collate, Group mode:** A4 and B5: 750 sheets (or 94 mm in height) A3, B4, and A4R: 500 sheets (or 62.5 mm in height) **Collate + Offset, Group + Offset mode:** A4 and B5: 750 sheets (or 94 mm in height) A3, B4, and A4R: 350 sheets (or 44 mm in height) **Staple mode:** A4, B5: 30 sets (or 94 mm in height) A3, B4, A4R: 30 sets (or 44 mm in height) **No Collating, Collate, Group mode with different paper sizes:** 350 sheets (or 44 mm in height) **Staple mode with different paper sizes:** 30 sets (or 44 mm in height)
Capacity Per Tray (Inner Finisher Additional Tray-A1)	**No Collating, Collate, Group mode:** A3, B4, A4, A4R, and B5: 100 sheets (or 12.5 mm in height) **Collate + Offset, Group + Offset mode:** A3, B4, A4, A4R, and B5: 100 sheets (or 12.5 mm in height) **Staple mode:** A3, B4, A4, A4R, and B5: 15 sets (or 8.1 mm in height) **No Collating, Collate, Group mode with different paper sizes:** 100 sheets (or 12.5 mm in height) **Staple mode with different paper sizes:** 15 sets (or 8.1 mm in height)
Max. Stapling Capacity/Available Staple Size	**Corner Staple/Double Staple mode:** A4, B5: 50 sheets (Thin, Plain 1 (65 to 82 g/m²)) 30 sheets (Plain 2 (83 to 99 g/m²), Plain 3 (100 to 105 g/m²)) 2 sheets (Heavy 1 (106 to 120 g/m²), Heavy 2 (121 to 163 g/m²), Heavy 3 (164 to 220 g/m²)) A3, B4, A4R: 30 sheets (Thin, Plain 1 (65 to 82 g/m²)) 20 sheets (Plain 2 (83 to 99 g/m²), Plain 3 (100 to 105 g/m²)) 2 sheets (Heavy 1 (106 to 120 g/m²), Heavy 2 (121 to 163 g/m²), Heavy 3 (164 to 220 g/m²))
Power Source/Maximum Power Consumption	From the main unit/Approximately 48 W

Item	Specifications
Dimensions (H x W x D)	260 mm x 700 mm x 540 mm (when the auxiliary tray is extended)
Weight	Approximately 14.0 kg (when the optional Inner Finisher Additional Tray-A1 is attached)
Installation Space Including the Main Unit (W x D)	1,024 mm x 680 mm (when the multi-purpose tray and the auxiliary tray are extended) Depending on the region, the installation space including the main unit is 1,024 mm x 650 mm (when the multi-purpose tray and the auxiliary tray are extended) when you are using the imageRUNNER ADVANCE C2020.

Inner Finisher Additional Tray-A1

Item	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)	57 mm x 207 mm x 450 mm
Weight	Approximately 1.4 kg

Inner 2 Way Tray-F1

Item	Specifications
Paper Size/Weight/Type	Size: 305 mm x 457 mm, 320 mm x 450 mm (SRA3), A3, B4, A4, A4R, B5, B5R, A5, A5R, Custom size (99 mm x 140 mm to 320 mm x 457 mm), and Envelopes Weight: 64 to 220 g/m^2 Type: Thin, Plain 1 (65 to 82 g/m^2), Plain 2 (83 to 99 g/m^2), Plain 3 (100 to 105 g/m^2), Recycled, Color, Pre-Punched, Bond, Heavy 1 (106 to 120 g/m^2), Heavy 2 (121 to 163 g/m^2), Heavy 3 (164 to 220 g/m^2), Tracing, Coated, Labels, Transparency, and Envelopes
Capacity Per Tray	Tray A: A4, B5, B5R, A5, and Envelopes 250 sheets (80 g/m^2) A5R 150 sheets (80 g/m^2) 305 mm x 457 mm, 320 mm x 450 mm (SRA3), A3, B4, A4R, Custom size (99 mm x 140 mm to 320 mm x 457 mm), and Envelopes 100 sheets (80 g/m^2) Tray B: 305 mm x 457 mm, 320 mm x 450 mm (SRA3), A3, B4, A4, A4R, B5, B5R, A5, A5R, Custom size (99 mm x 140 mm to 320 mm x 457 mm), and Envelopes 100 sheets (80 g/m^2)
Dimensions (H x W x D)	76 mm x 426 mm x 407 mm
Weight	Approximately 574 g
Installation Space Including the Main Unit (W x D)	846 mm x 680 mm (when the multi-purpose tray and the auxiliary tray are extended) Depending on the region, the installation space including the main unit is 846 mm x 650 mm (when the multi-purpose tray and the auxiliary tray are extended) when you are using the imageRUNNER ADVANCE C2020.

Copy Tray-J1

Item	Specifications
Paper Size/Weight/Type	Size: A3, B4, A4, A4R, B5, B5R, A5R Weight: 64 to 120 g/m² Type: Thin, Plain 1 (65 to 82 g/m²), Plain 2 (83 to 99 g/m²), Plain 3 (100 to 105 g/m²), Recycled, Color, Pre-Punched, Bond, and Heavy 1 (106 to 120 g/m²)
Capacity	A4, B5, B5R, A5R: 100 sheets (80 g/m²) A3, B4, A4R: 75 sheets (80 g/m²)
Dimensions (H x W x D)	144 mm x 365 mm x 373 mm (when the auxiliary tray is extended) 87 mm x 243 mm x 373 mm (when the auxiliary tray is not extended)
Weight	Approximately 438 g
Installation Space Including the Main Unit (W x D)	930 mm x 680 mm (when the auxiliary tray is extended) Depending on the region, the installation space including the main unit is 930 mm x 650 mm (when the auxiliary tray is extended) when you are using the imageRUNNER ADVANCE C2020.

Card Reader-C1

Item	Specifications
Available Cards	Magnetic
Card Readout Method	Magnetic readout
Magnetic Card Reading Direction	Face up
Store/Replay	Replay
Power Source	From the main unit
Dimensions (H x W x D)	32 mm x 88 mm x 100 mm (Excluding the attachment kit and cable)
Weight	Approximately 295 g (Including the attachment kit and cable)

Copy Card Reader-F1

Item	Specifications
Available Cards	Magnetic
Card Readout Method	Magnetic readout
Magnetic Card Reading Direction	Face up
Store/Replay	Replay
Power Source	From the main unit
Dimensions (H x W x D)	40 mm x 88 mm x 96 mm (Excluding the attachment kit and cable)
Weight	Approximately 200 g (Including the attachment kit and cable)

Super G3 FAX Board

✎ NOTE

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

Item	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	A3, B4, A4, A4R, B5[*3], B5R[*4], A5[*4], A5R[*4]
Receiving Paper Sizes	A3, B4, A4, A4R, B5, B5R, A5, A5R
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).
*3 Sent as B4.
*4 Sent as A4.

Send Function

● Scan Features

Item	Specifications	
Communication Protocol	FTP (TCP/IP), SMB (TCP/IP), WebDAV	
Data Format	TIFF, JPEG, PDF, XPS	
Resolution	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, 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
	XPS	Compact, OCR, Device Signature, User Signature

*1 PDF files optimized for Web viewing. If you are using the imageRUNNER ADVANCE C2020, this mode may not be available depending on the region.

● **E-Mail and I-Fax Features**

Item	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
	I-Fax (Black-and-White)	TIFF (MH, MR[1], MMR[1])
Original Size	E-mail	A3, B4, A4, A4R, B5, B5R, A5, A5R
	I-Fax	A3, B4, A4, A4R, B5[2], B5R[3], A5[3], A5R[3]
Server Software	Microsoft Exchange Server 2000 (SP3), Windows Server 2003(SMTP Service), 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[4], PDF/A-1b, Reader Extensions
	XPS	Compact, OCR, Device Signature, User Signature

[1] Available after setting RX conditions of the destination.
[2] Sent as B4.
[3] Sent as A4.
[4] PDF files optimized for Web viewing. If you are using the imageRUNNER ADVANCE C2020, this mode may not be available depending on the region.

Network Environment

Hardware Specifications

Network Interface	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[1]
AppleTalk	Frame type:	Ethernet SNAP
	Print application:	PAP (Printer Access Protocol)

[1] If you are using the imageRUNNER ADVANCE C2020, depending on the region, the 2.5inch/80GB HDD is required to print or send a fax from a computer on the SMB/CIFS network.

Printer Settings

Software Specifications

Command Language	PCL5c, PCL6, PostScript 3	
Resident Fonts	PCL:	93 Scalable fonts, 2 OCR fonts, and 10 Bitmap fonts
	PS:	136 Scalable fonts
Printable Area	PCL5c, PCL6:	Reduced to 4.23 mm from the top, bottom, left, and right edges of the paper.
	PostScript 3:	Reduced to 4 mm from the top, bottom, left, and right edges of the paper.

Canon