

imagePRESS C650

High productivity and exceptional quality from a flexible cut sheet multifunction printer.

Designed for professional production and high-end office environments, the imagePRESS C650 offers flexible workflow options and award-winning print quality.



- Flexible RIP controllers for seamless integration
- Broad workflow and configuration options
- Award-winning print quality
- Impressive print speeds, at up to 65 ppm
- Versatile professional finishing possibilities
- Advanced accessories including booklet finisher and booklet trimmer
- Consistently high-quality, faithful colour reproduction
- Automatic duplex support for long sheet feeding
- Supreme reliability delivers maximum uptime

Technical Specifications

GENERAL SPECIFICATIONS

Print speed	imagePRESS C650: up to 65 ppm
Recommended monthly volume	imagePRESS C650: 15,000 to 120,000 pages (A4)
Maximum monthly peak volume	imagePRESS C650 : Up to 350,000 pages (A4)
Registration tolerance	Front to Back: 1.0 mm
Printing method	Colour Laser Beam Printing
Print resolution	2,400 dpi x 2,400 dpi, 256 gradations
Paper capacity	Standard: 3 x 550-sheet cassettes (80 gsm) Option: 100-sheet multi-purpose tray POD Deck Lite-C1: 1 x 3500 sheet side paper deck (A4/A3/SRA3) Multi-drawer paper deck-C1: 1 x 6,000 sheet (3 x 2,000 sheets - A4/A3/SRA3) 7,650 sheets (A4/A3)
Maximum paper input capacity	
Maximum paper output capacity	11,200 sheets (A4 80 gsm)
Supported media types	Cassettes: Thin paper, Plain paper, Recycled paper, Colour paper, Heavy paper, Pre-punched paper, Bond, Letterhead, Tab paper*, Transparency, Envelopes** Multi-purpose tray : Thin paper, Plain paper, Recycled paper, Colour paper, Heavy paper, Coated paper, Pre-punched paper, Tab paper, Bond, Transparency, Label, Envelopes, Letterhead Optional Paper deck: Thin paper, Plain paper, Recycled paper, Colour paper, Heavy paper, Pre-punched paper, Coated paper, Textured, Bond, Transparency, Label, Letterhead, Tab paper***, Envelopes * Requires Tab feeding attachment ** Requires Envelope feeding attachment ** Requires Multi Drawer Paper Deck-C1
Supported media sizes	Paper cassette 1, 2 & 3: Standard size: A4, A4R, A5R, A3, SRA3, 13"x19" (330 x 483 mm) Free size: 100 mm x 148 mm to 330.2 mm x 487.7 mm Multi-purpose tray: Standard size: A4, A4R, A5R, A3, SRA3, 13"x19" (330 x 483 mm) Free size: 100 x 148 mm to 330.2 x 487.7 mm Envelopes: No.10 (COM10), Monarch, ISO-C5, DL *Up to 330.2 x 762mm supported in special mode made available by a technician
Supported media weights	Cassettes: 52 to 220 gsm Multi-purpose tray/Optional Paper deck: 52 to 300 gsm Duplex: 52 to 300 gsm
Warm-up time	Approx. 360 seconds
Interface type	USB 2.0 Hi-speed Ethernet: 1000 BaseT/100Base -TX/10Base-T Standard: 1 x USB Host *1 of left side of PRISMAsync operation panel
Network protocols	TCP/IP* (LPD/Port 9100/WSD/IPP/IPPS/SMB/FTP), IPX/SPX (NDS, Bindery), AppleTalk *IPv4/IPv6 support
Processor speed	1.66 GHz (SOC ARM 1136JF-S 400 MHz (ARM 946 200 MHz)
Memory	1.5GB (SOC 2GB)
Hard Disk Drive	Standard 1TB Hard Disk Drive
Control panel (EFI/Canon PS/PCL)	Upright Control Panel G1: 26.4 cm (10.4 inch) TFT SVGA LED Backlight Colour Uplight Touchscreen
Control panel (PRISMAsync)	Operating Panel-A5: 15 inch touch panel screen
Dimensions (W x D x H)	1,952 mm* x 934 mm x 1,424 mm** (W x D x H) * Includes Operator Panel and Out put tray option ** Includes Operator Panel Height to ADF is 1,222.2mm
Minimum installation space (W x D)	1,952 (W) x 1,624 (D) mm
Weight	Approx 316kg *includes ADF
Operating environment	Temperature: 20 to 27°C (50 to 86°F) Humidity: 15 to 60 % RH (no condensation)

Power Source	220-240 V (±10 %), 50/60 Hz (±2 Hz), 16A x 2 *All Europe 220-240 V (±10 %), 50/60 Hz (±2 Hz), 13A x 2 *UK
Power Consumption	Maximum: Approx 1,560W (at power supply) or less + 2,500W (at fusing unit) or less Sleep mode: Approx. 1.5Wh or less Typical Electricity Consumption (TEC) rating: 8.9 kWh in imagePRESS C650 65ppm
Noise Levels	Sound Pressure Active: 75dB or less, Standby: 56dB or less
FIERY PRINT CONTROLLER SPECIFICATIONS	
Optional / Standard Name	Optional imagePRESS Server H300 (External Fiery based server) imagePRESS Server G100 (Embedded Fiery based server)
Page Description Languages	PCL5/6 (Driver & utility support: Only for embedded/PCL interpreter is available on external Fiery server) Adobe PostScript Level 3
Resolution	1,200 dpi x 1,200 dpi, 600 dpi x 600 dpi
Memory	External Fiery based server: 2 x 2 GB Embedded Fiery based server: 1 x 2 GB
Hard Disk Drive	External Fiery based server: 1 x 1 TB Embedded Fiery based server: 1 x 500 GB
Processor Speed	imagePRESS Server H300 (External Fiery based server) 2.9 GHz up to 3.6 GHz w/ Turbo (Intel Core i5-4570S) Embedded Fiery based server: 2.9 GHz (Intel Pentium G850)
Fonts	138 Adobe PS fonts, 113 PCL fonts, 32 barcode
Supported Operating Systems	Windows: Vista,7,8/8.1,10,Server 2008/2008R2, Server 2012/2012R2 MacOS: 10.7,10.8,10.9,10.10,10.11,10.12
Interface	Ethernet 1000 Base-T/100Base-TX/10Base-T, USB, DVI connector (only for H300), DisplayPort connector (only for H300), DSUB 15pin connector (for F200 and G100)
Network protocols	TCP/IP, AppleTalk (only support font downloader), Bonjour, SNMP, IPP, FTP, SMB, IPv6,WSD(minimum support to achieve WHQL certification)
EFI accessories (Optional)	SeeQuince Suite/Impose/Compose, GA Package Premium Edition (For H300), Productivity Package (For G100), Removable HDD Kit (For F300)
PRISMA SYNC CONTROLLER SPECIFICATIONS	
Optional/Standard Name	Optional PRISMAsync iPR C850 Series
Page Description Languages	Postscript L3, PDF 1.7, IPDS (transactional), PCL/PJL (transactional)
Resolution	PS/PDF: 600 x 600 dpi or 1,200 x 1,200 dpi, transactional PCL: 600 x 600 dpi, transactional IPDS: 600 x 600 dpi
Memory	1 x 8GB DDR3
Hard Disk Drive	2 x 3.5" SATA II, 500GB, 7200rpm
Processor Speed	2.9 GHz (Intel Quad Core i5-4570S)
Fonts	136 Type1 fonts for roman languages User import of PS fonts via Settings Editor Optional Adobe Asian fonts: Japanese: 5 Morisawa fonts (no Heisei fonts) Chinese: 2 fonts for simplified Chinese, 1 font for traditional Chinese Korean: 1 font for Korean
Supported Operating Systems	Windows Vista (32/64 bit), 7 (32/64 bit), Server 2008 (32/64 bit), Server 2008R2 (64 bit), Server 2012R2, 8.1 (32/64bit)and 10 MacOS 10.9 (64 bit) , MacOS 10.10 (64 bit) , MacOS 10.11 (64 bit)
Interface	Ethernet (10/100/1000 Base-T), USB for files via operator panel, DVI for connection of operator panel
Network protocols	TCP/IP, SNMP v1/v3, Host resources MIB, System group MIB II, Printer MIB, Job Monitor MIB, Job Management MIB submission via lpr, hotfolders, socket, SMB, IPP, JDF/JMF (via adapter), USB stick

Technical Specifications

CANON PRINT CONTROLLER SPECIFICATIONS

Optional / Standard Name

Optional
imagePRESS Printer kit-D1, imagePRESS PS Printer kit-E2, imagePRESS PCL Printer kit-BM1

Page Description Languages

imagePRESS Printer kit-D1: Adobe PostScript Level 3, PCL5/6, UFR II
imagePRESS PS Printer kit-E2: Adobe PostScript Level 3
imagePRESS PCL Printer kit-BM1: PCL5/6

Resolution

1,200 dpi x 1,200 dpi, 600 dpi x 600 dpi

Memory

refer to General Specifications

Hard Disk Drive

refer to General Specifications

Processor Speed

refer to General Specifications

Fonts

136 Adobe PS fonts, 105 PCL fonts, 32 barcode

Supported Operating Systems

Windows Server 2008, Server 2008R2, Server 2012, Server 2012R2, Server 2016, Vista, 7, 8, 8.1, 10
MacOS 10.6, 10.7, 10.8, 10.9, 10.10, 10.11, 10.12

Interface

refer to General Specifications

Network protocols

refer to General Specifications

Other accessories (Optional)

Barcode Printing Kit-D1, Encrypted Printing Software-D1, Data Erase Kit-C1, HDD Data Encryption & Mirroring Kit-E2, REMOVABLE HDD KIT-AB2, JDF Parser for C850 Series (for PS only)

SCAN SPECIFICATIONS

Name

Duplex Colour Image Reader Unit K1

Description

Optional colour flatbed scan unit and 300-sheet duplex automatic document feeder (One-Pass Duplex Scan)

Type

Colour flatbed plus one-pass duplex automatic document feeder

Supported media sizes

A3, A4, A4R, A5, A5R, Free sizes (W x L): Min. 139.7 mm x 128 mm, Max. 432 mm x 304.8 mm

Supported media weights (BW/CL)

Single-sided scanning (BW/CL): 38 to 220 gsm/64 to 220 gsm;
Double-sided scanning (BW/CL): 50 to 220 gsm/64 to 220 gsm

Scan resolution

Copy: 600 dpi x 600 dpi
Send: 600 dpi x 600 dpi/300 dpi x 300 dpi

Duplex scanning

2-sided to 2-sided (Automatic)

Scan speed

Single-sided (A4, 300 dpi): (BW/CL) 120/120 ipm*
Double-sided (A4, 300 dpi): (BW/CL) 200/140 ipm*
Single-sided (A4, 600 dpi): (BW/CL) 120/70 ipm*
Double-sided (A4, 600 dpi): (BW/CL) 120/70 ipm*

*When PRISMAsync RIP is connected as following.
Single-sided & Double-sided (A4, 600 dpi): (BW/CL) 70/70 ipm

SEND SPECIFICATIONS

Optional/Standard

Standard on all models
(Requires Duplex Colour Image Reader Unit H1)

Send resolution

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

Destinations

E-Mail/Internet FAX (SMTP), PC (SMB, FTP), WebDAV, Google Docs with iR-ADV Cloud Connect MEAP application

Address Book / Speed dials

LDAP (1000) / Local (Max. 500)

File formats

TIFF, JPEG, PDF, XPS, High compression PDF/XPS, PDF/A-1b, Searchable PDF/XPS, Office Open XML (PowerPoint, Word)

Universal Send Feature Sets

Universal Send Advanced Feature Set D1 (option): Create outline PDF (Trace and Smooth), Adobe Reader Extensions PDF (Searchable PDF/XPS is a standard feature.)
Universal Send Security Feature Set D1 (option): Send encrypted PDF, and add digital device signature to PDF/XPS files.
Universal Send Digital User Signature Kit C1 (option): Add digital user signature to PDF/XPS files.

COPY SPECIFICATIONS

Copy speed (BW/CL)

65 ppm model: Up to 65/65 ppm (A4/A5R), up to 49ppm (A4R)

First Copy Output Time (FCOT) (BW/CL)

Color: Approx. 7.7 sec
BW: Approx. 6.9 sec

Copy resolution

Reading: 600 dpi x 600 dpi
Printing: 2400 dpi x 2400 dpi

Multiple copy

Up to 9,999 copies

Reduction/Enlargement

Zoom: 25-400% in 1% increments
Fixed Zoom Ratio: 25%, 50%, 70%, 100%, 141%, 200%, 400%

INPUT SPECIFICATIONS

POD Deck Lite-C1

Paper Size: A3, A4, A4R, A5R, SRA3, 13"x19", Free size (139.7 mm x 148 mm to 330.2 mm x 487.7 mm)
Paper Weight: 52 to 300 gsm
Paper Capacity: 3,500 sheets (80 gsm) / 4,000 sheets (64gsm)
Dimensions (W x D x H): 717 mm x 686 mm x 568 mm
Weight: Approx. 76 kg

Multi-Drawer paper deck-C1

Paper Size: A3, A4, A4R, A5R, SRA3, 13"x19", Free size (139.7 mm x 182 mm to 330.2 mm x 487.7 mm)
Paper Weight: 52 to 300 gsm
Paper Capacity: 3 x 2000 sheets, total 6000 sheets (80 gsm)/3 x 2200 sheets, total 6600 sheets (64 gsm)
Dimensions (W x D x H): 950 mm x 797 mm x 1098 mm
Weight: Approx. 155 kg

Stack Bypass-B1

Paper Size: A3, A4, A4R, A5R, SRA3, 13"x19", Free size (100 x 148 mm to 330.2 x 487.7 mm)
Paper Weight: 52 to 300 gsm
Paper Capacity: 100 sheets (80 gsm)
Dimensions (W x D x H): 403 mm (694 mm *) x 518 mm x 352 mm (451 mm *)
*With the Stack Bypass Alignment Tray-C2 and the Long Sheet Tray-B1
Weight: Approx. 5.5 kg (Approx. 6.7 kg *)
*With the Stack Bypass Alignment Tray-C2 and the Long Sheet Tray-B1

Long Sheet Tray-B1

Paper Size: 210 x 487.7 mm to 330.2 x 762 mm
Paper Weight: 52 to 300 gsm
Paper Capacity: 1sheet

OUTPUT SPECIFICATIONS

Staple Finisher-W1 Pro

Tray Capacity:
Upper Tray (A) Capacity: A4/A4R/A5R 1,000sheets, A3 1,000sheets, SRA3/13"x19" 1,000 sheets
Lower Tray (B) Capacity: A4 4,000 sheets, A4R 2,000 sheets, A3 1,500 sheets, SRA3 1,000 sheets
Paper Weight: 52 to 300 gsm
Staple Position: Corner, Double
Staple Capacity: A4: 100 sheets, A3/A4R: 50 sheets
Dimensions (W x D x H): 800 mm x 792 mm x 1,239 mm
Weight: Approx. 130 kg

Booklet Finisher-W1 Pro

Tray Capacity:
Upper Tray (A) Capacity: A4/A4R/A5R 1,000sheets, A3 1,000sheets, SRA3/13"x19" 1,000 sheets
Lower Tray (B) Capacity: A4 4,000 sheets, A4R 2,000 sheets, A3 1,500 sheets, SRA3 1,000 sheets
Paper Weight: 52 to 300 gsm
Staple Position: Corner, Double
Staple Capacity: A4: 100 sheets, A3/A4R: 50 sheets
Booklet stitch paper size: A3, A4R, SRA3, 13"x19", Free size 210x279.4 mm to 330.2x487.7 mm
Booklet stitch staple capacity: 25 sheets (80 gsm)
Dimensions (W x D x H): 800 mm x 792 mm x 1,239mm
Weight: Approx. 180 kg

Technical Specifications

Booklet Trimmer F1	Requires Booklet Finisher W1 Pro Trim Width: 2-28mm Trim Thickness: Up to 50 sheets (includes Cover) Acceptable Paper Weight: 52 to 300g/m ² Dimensions (W x D x H): 2,095mm (including joint, conveyer and output tray: 162mm) x 790mm x 1,040mm Weight: Approx 152kg (including conveyer and output tray)	Multi Functional Pro Puncher-A1	Acceptable Paper Weight: 75-300 gsm (Plain paper), 118-300gsm(Coated paper), 157-300gsm (Crease/ Plain & Coated paper) Acceptable Paper Size: Punch : A4, A4R, SRA4, A3, SRA3 Crease : A4R, A3, SRA3, 13x19 Punch Tools: Plastic Comb 21-Hole, Twin Loop 23-Hole (Round/Rectangle), Twin Loop 34-Hole (Round/Square), Color Coil 47-Hole, Velo Bind 12-Hole, Loose Leaf 4-Hole Punch, Loose Leaf 2-Hole Punch, Loose Leaf 4-Hole (Swedish), Loose Leaf 3-Hole, Crease Dimensions (W x D x H): 445 mm x 795 mm x 1040 mm Weight: Approx. 102kg
Two-Knife Booklet Trimmer A1	Requires Booklet Trimmer Trim Width: 2-15 mm Trim Thickness: Up to 50 sheets (includes Cover) Acceptable Paper Weight: 52 to 300 gsm Dimensions (W x D x H): 536 mm x 770 mm x 1,040 mm Weight: Approx 145 kg	Staple Finisher-T1	Tray Capacity: Upper Tray (A) Capacity: A4/A5R 1,300 sheets, A4R/A3 650 sheets, SRA3/13"x19" 650 sheets Lower Tray (B) Capacity: A4 2,450 sheets, A5R 1,700 sheets, A4R/A3 650 sheets, SRA3/13"x19" 650 sheets Paper Weight: 52 to 300 gsm Staple Position: Corner, Double Staple Capacity: A4: 50 sheets, A3/A4R: 30 sheets Dimensions (W x D x H): 644 mm (Max 761") x 656 mm x 1,121 mm *when the auxiliary tray is extended. Weight: Approx. 48 kg
Punch Unit BT1 / BU1	Requires either the Booklet Finisher W1 Pro or Staple Finisher W1 Pro Punch Hole type: BT1: 2 holes and 4 holes (FRN) selectable, BU1: 4 holes (Swe) Acceptable Punch Paper Weight: 52-300 gsm Acceptable Punch Paper Size: 2 holes: A3, A4, A4R, Free size (182 x 182 to 297 x 432.0 mm) 4 holes: A3, A4, Custom size Free size (257 x 182 mm to 297 x 432 mm) Weight: Approx 7.7kg	Booklet Finisher-T1	Tray Capacity: Upper Tray (A) Capacity: A4/A5R 1,300 sheets, A4R/A3 650 sheets, SRA3/13"x19" 650 sheets Lower Tray (B) Capacity: A4 2,450 sheets, A5R 1,700 sheets, A4R/A3 650 sheets, SRA3/13"x19" 650 sheets Paper Weight: 52 to 300 gsm Staple Position: Corner, Double Staple Capacity: A4: 50 sheets, A3/A4R: 30 sheets Dimensions (W x D x H): 644 mm (Max 761") x 656 mm x 1,121 mm *when the auxiliary tray is extended. Weight: Approx. 72 kg
DOCUMENT INSERTION UNIT-N1	Number of trays: 2 trays Paper size: A3, A4, A4R, SRA3, 13"x19", Free size (182 x 182 mm to 330.2 x 487.7 mm) Paper Weight: 52 to 300 gsm Paper Capacity: 200 sheets x 2 trays (80 gsm) Dimensions (W x D x H): 336 mm (746mm including Tray) x 793 mm x 1407 mm Weight: 61kg	External 2/4 Hole Puncher-C1	Requires either the Staple or Booklet Finisher-T1. Punch Hole type: 2 holes and 4 holes (FRN) selectable Acceptable Punch Paper Weight: 52-256 gsm Acceptable Punch Paper Size: 2 holes: A3, A4 4 holes: A3, A4 Weight: Approx. 7.7 kg
Copy Tray-R2	Paper Size: All available size on marking engine Paper Weight: 52 to 300 gsm Output Capacity: 250 sheets at simplex printing/100 sheets at duplex printing Dimensions (W x D x H): 422 mm x 382 mm x 175 mm Weight: Approx. 1.2 kg	External 4 Hole Puncher-C1	Requires either the Staple or Booklet Finisher-T1. Punch Hole type: 4 holes (SWE) Acceptable Punch Paper Weight: 52-256 gsm Acceptable Punch Paper Size: A3, A4 Weight: Approx. 7.7 kg
Paper Folding Unit-J1	Z-Fold: Paper Size: A3, A4R, Paper Weight: 52 to 105 gsm C-Fold: Paper Size: A4R, Paper Weight: 52 to 105 gsm Accordion Z-fold: Paper Size: A4R, Paper Weight: 52 to 105 gsm Double parallel: Paper Size: A4R, Paper Weight: 52 to 90 gsm Half fold: Paper Size: A4R, Paper Weight: 52 to 105 gsm Output Capacity: C-Fold and Accordion Z-fold: 40 sheets, Double parallel: 25 sheets Dimensions (W x D x H): 336 mm x 793 mm x 1190 mm Weight: Approx. 71 kg		