

# 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

<b>Print speed</b>	imagePRESS C650: up to 65 ppm
<b>Recommended monthly volume</b>	imagePRESS C650: 15,000 to 120,000 pages (A4)
<b>Maximum monthly peak volume</b>	imagePRESS C650 : Up to 350,000 pages (A4)
<b>Registration tolerance</b>	Front to Back: 1.0 mm
<b>Printing method</b>	Colour Laser Beam Printing
<b>Print resolution</b>	2,400 dpi x 2,400 dpi, 256 gradations
<b>Paper capacity</b>	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)
<b>Maximum paper input capacity</b>	
<b>Maximum paper output capacity</b>	11,200 sheets (A4 80 gsm)
<b>Supported media types</b>	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
<b>Supported media sizes</b>	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
<b>Supported media weights</b>	Cassettes: 52 to 220 gsm Multi-purpose tray/Optional Paper deck: 52 to 300 gsm Duplex: 52 to 300 gsm
<b>Warm-up time</b>	Approx. 360 seconds
<b>Interface type</b>	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
<b>Network protocols</b>	TCP/IP* (LPD/Port 9100/WSD/IPP/IPPS/SMB/FTP), IPX/SPX (NDS, Bindery), AppleTalk *IPv4/IPv6 support
<b>Processor speed</b>	1.66 GHz (SOC ARM 1136JF-S 400 MHz (ARM 946 200 MHz)
<b>Memory</b>	1.5GB (SOC 2GB)
<b>Hard Disk Drive</b>	Standard 1TB Hard Disk Drive
<b>Control panel (EFI/Canon PS/PCL)</b>	Upright Control Panel G1: 26.4 cm (10.4 inch) TFT SVGA LED Backlight Colour Uplight Touchscreen
<b>Control panel (PRISMAsync)</b>	Operating Panel-A5: 15 inch touch panel screen
<b>Dimensions (W x D x H)</b>	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
<b>Minimum installation space (W x D)</b>	1,952 (W) x 1,624 (D) mm
<b>Weight</b>	Approx 316kg *includes ADF
<b>Operating environment</b>	Temperature: 20 to 27°C (50 to 86°F) Humidity: 15 to 60 % RH (no condensation)

<b>Power Source</b>	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
<b>Power Consumption</b>	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
<b>Noise Levels</b>	Sound Pressure Active: 75dB or less, Standby: 56dB or less
<b>FIERY PRINT CONTROLLER SPECIFICATIONS</b>	
<b>Optional / Standard Name</b>	Optional imagePRESS Server H300 (External Fiery based server) imagePRESS Server G100 (Embedded Fiery based server)
<b>Page Description Languages</b>	PCL5/6 (Driver & utility support: Only for embedded/PCL interpreter is available on external Fiery server) Adobe PostScript Level 3
<b>Resolution</b>	1,200 dpi x 1,200 dpi, 600 dpi x 600 dpi
<b>Memory</b>	External Fiery based server: 2 x 2 GB Embedded Fiery based server: 1 x 2 GB
<b>Hard Disk Drive</b>	External Fiery based server: 1 x 1 TB Embedded Fiery based server: 1 x 500 GB
<b>Processor Speed</b>	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)
<b>Fonts</b>	138 Adobe PS fonts, 113 PCL fonts, 32 barcode
<b>Supported Operating Systems</b>	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
<b>Interface</b>	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)
<b>Network protocols</b>	TCP/IP, AppleTalk (only support font downloader), Bonjour, SNMP, IPP, FTP, SMB, IPv6,WSD(minimum support to achieve WHQL certification)
<b>EFI accessories (Optional)</b>	SeeQuince Suite/Impose/Compose, GA Package Premium Edition (For H300), Productivity Package (For G100), Removable HDD Kit (For F300)
<b>PRISMA SYNC CONTROLLER SPECIFICATIONS</b>	
<b>Optional/Standard Name</b>	Optional PRISMAsync iPR C850 Series
<b>Page Description Languages</b>	Postscript L3, PDF 1.7, IPDS (transactional), PCL/PJL (transactional)
<b>Resolution</b>	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
<b>Memory</b>	1 x 8GB DDR3
<b>Hard Disk Drive</b>	2 x 3.5" SATA II, 500GB, 7200rpm
<b>Processor Speed</b>	2.9 GHz (Intel Quad Core i5-4570S)
<b>Fonts</b>	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
<b>Supported Operating Systems</b>	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)
<b>Interface</b>	Ethernet (10/100/1000 Base-T), USB for files via operator panel, DVI for connection of operator panel
<b>Network protocols</b>	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

<b>Booklet Trimmer F1</b>	<p>Requires Booklet Finisher W1 Pro            Trim Width: 2-28mm            Trim Thickness: Up to 50 sheets (includes Cover)            Acceptable Paper Weight: 52 to 300g/m<sup>2</sup>            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)</p>	<b>Multi Functional Pro Puncher-A1</b>	<p>Acceptable Paper Weight: 75-300 gsm (Plain paper), 118-300gsm(Coated paper), 157-300gsm (Crease/ Plain &amp; 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</p>
<b>Two-Knife Booklet Trimmer A1</b>	<p>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</p>	<b>Staple Finisher-T1</b>	<p>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</p>
<b>Punch Unit BT1 / BU1</b>	<p>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</p>	<b>Booklet Finisher-T1</b>	<p>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            Booklet stitch paper size: A3, A4R            Booklet stitch staple capacity: 16 sheets (80 gsm)            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</p>
<b>DOCUMENT INSERTION UNIT-N1</b>	<p>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</p>	<b>External 2/4 Hole Puncher-C1</b>	<p>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</p>
<b>Copy Tray-R2</b>	<p>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</p>	<b>External 4 Hole Puncher-C1</b>	<p>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</p>
<b>Paper Folding Unit-J1</b>	<p>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</p>		