

# Canon

imageRUNNER®  
85+



PRODUCTION  
SYSTEMS



meap  
POWERED BY

The Canon imageRUNNER® 85+ is a high-speed, black-and-white production printer designed to handle the demands of large corporate department, data center, CRD, and print-on-demand environments. The imageRUNNER 85+ features Canon's exclusive Java-based Multifunctional Embedded Application Platform (MEAP®) architecture, enabling businesses to acquire programs or integrate their own unique applications and services onto the imageRUNNER device. At 85 pages per minute, the imageRUNNER 85+ is sure to impress with its ease-of-use, high reliability, and innovative feature-set.

### imageRUNNER 85+ Specifications

**Type:** Digital, Multifunction Imaging System  
**Imaging System:** Laser Dry Electrostatic Transfer  
**Developing System:** Dry Mono-component Toner Projection  
**Image Server Memory:** Standard: 512MB RAM + 20GB HDD  
**Interface Connections:** RJ-45 (10/100Base-T)  
**First Print Time:** Within 3.4 Seconds  
**Warm-up Time:** 6 Minutes or Less  
**Printing Resolution:** 600 dpi x 600 dpi  
 2400 dpi x 600 dpi Interpolated  
**Half-tone:** 256 Gradations of Gray  
**Print Speed:** 85 ppm (Letter)  
 42 ppm (Ledger)

**Paper Supply**  
**Standard:** Dual Front-loading Trays (1,500 Sheets Each)  
 Dual Front-loading Cassettes (550 Sheets Each)  
 50-sheet Stack Bypass  
 3,500-sheet Paper Deck-M1 (Total: 7,650 Sheets)  
**Optional:** 3,500-sheet Paper Deck-M1  
 17 lb. Bond to 110 lb. Index (All Paper Sources)

**Paper Weights:** 100 (7,700 Pages/Letter)

**Supplies**  
**Drum:** Amorphous Silicon—Estimated Yield: 5,000,000 Impressions  
**Maximum Duty Cycle:** 400,000 Impressions per Month  
**Toner:** Magnetic Negative Toner—Estimated Yield: 36,600 Images

### ACCESSORIES

#### Finisher-K1N/K2N (Optional)

**Number of Trays:** 2 Trays  
**Tray Capacity**  
**Top Tray:** 1,000 Sheets (All Sizes)  
 Offset Stacking  
 2,000 Sheets (Letter)  
**Lower Tray:** 1,000 Sheets (11" x 17", Legal)  
 Offset Stacking  
**Staple Position:** 1 - Any Corner  
 2 - Side Margin  
**Max. Stapling Capacity:** 100 Sheets (Letter, Statement)  
 50 Sheets (Letter-R, Legal, 11" x 17")  
**Hole-punch (K2N Only):** 3 Holes (11" x 17", Letter)  
 2 Holes (Legal, Letter-R)

#### Saddle Finisher-K3N (Optional)

**Number of Trays:** 3 Trays  
**Tray Capacity**  
**Top Tray:** 1,000 Sheets (All Sizes)  
 Offset Stacking

**Lower Tray:** 2,000 Sheets (Letter)  
 1,000 Sheets (11" x 17", Legal)  
 Offset Stacking  
 30 Sets  
**Saddle-stitch Tray:** 1 - Any Corner  
**Staple Position:** 2 - Side Margin  
**Max. Stapling Capacity:** 100 Sheets (Letter, Statement)  
 50 Sheets (Letter-R, Legal, 11" x 17")  
 3 Holes (11" x 17", Letter)  
 2 Holes (Legal, Letter-R)  
**Hole-punch:** 3 Holes (11" x 17", Letter)  
 2 Holes (Legal, Letter-R)  
**Saddle-stitch Capabilities**  
**Saddle-stitch Paper Sizes:** 11" x 17", Letter  
**Stapling Capacity:** 15 Sheets (60 Pages)  
**Folding:** V-folding Standard

#### Paper Deck-T1 (Optional)

**Paper Capacity:** 3,500 Sheets  
**Paper Size:** Letter-R, Letter, Legal, 11" x 17"  
**Paper Weights:** 17 lb. Bond to 110 lb. Index

#### Paper Deck-M1 (Optional)

**Paper Capacity:** 3,500 Sheets  
**Paper Size:** Letter  
**Paper Weights:** 17 lb. Bond to 110 lb. Index

#### Document Insertion Unit-B1\* (Optional)

**Paper Sizes:** Letter-R to 11" x 17"  
**Paper Weights:** 17 lb. Bond to 110 lb. Index  
**Feeder Capacity:** Letter, Letter-R: 100 Sheets  
 Legal, 11" x 17": 50 Sheets

#### Paper Folding Unit-C1\* (Optional)

**Paper Size:** 11" x 17" Only  
**Paper Weights:** 17 lb. Bond to 22 lb. Bond  
**Fold Type:** Z-fold

#### Booklet Trimmer-A1\* (Optional)

**Sheet Capacity:** 30 Sheets (60 Pages)  
**Stack Capacity:** 2,000 Pages  
**Dust Capacity:** 2,000 Pages

#### Network Multi-PDL Printer Kit-F1 (Optional)

**PDL Support:** PostScript® 3 Emulation  
 PCL 5e, PCL 6, UFR II  
**Protocol Stacks:** Ethernet  
 IPX/SPX™: 802.2, 802.3  
 Ethernet II, 802.2 SNAP  
 TCP/IP  
 AppleTalk® Phase II  
**Network OS:** Novell® NetWare® v3.2, 4.1, 4.11, 4.2, 5, 5.1  
 Windows® 95/98/Me/2000/XP  
 Windows NT® 4.0, Windows 2003 Server

**Print Service:** Solaris™ 1.x, 2.5 or Later\*\*\*  
 Apple® System 7.5 or Higher  
 NDPS, Port 9100, IPP  
**Additional Functions Supported:** Network ScanGear, Remote UI™, NetSpot®, Universal Send™

#### Canon imagePASS-M3 Print Controller\*\* (Optional)

**Hardware:** External Stand-alone Controller  
**Processor:** Intel® Celeron 2.5GHz  
**Memory:** 256MB  
**Storage:** 40GB HDD  
**PDL Support:** Adobe® PostScript 3  
 PCL 5e, PCL 6  
 RJ-45 (10/100/1000Base-T)  
**Interface Connections:** IEEE 1284 (Optional Adapter)  
 Ethernet  
 IPX/SPX: 802.2, 802.3  
 Ethernet II, 802.2 SNAP  
 TCP/IP  
 AppleTalk: 802.2 SNAP and  
 AppleTalk Phase II  
**Network OS:** Novell NetWare v3.2, 4.1, 4.11, 4.2, 5, 5.1  
 Windows 98/Me/2000/XP  
 Windows NT 4.0  
 Solaris 2.5.1 or Later\*\*\*  
 Apple System 8.6, 9, 9.1, OSX  
 NDPS, Port 9100, IPP

**Print Service:** Network ScanGear, Remote UI, NetSpot (except Job Monitor), Web Tools™

**Additional Functions Standard:** Command WorkStation®  
 Command WorkStation LE (only OSX)  
 Fiery® Downloader™

**Optional:** Impose  
 Hot Folders  
 Data Center IPDS Converter (TBD)  
 Parallel I/F Adapter IP-A1

\* The Document Insertion Unit-B1, the Paper Folding Unit-C1, and the Booklet Trimmer-A1 can only be used with the Saddle Finisher-K3N.

\*\* The imageRUNNER 85+ is not Energy Star® qualified when attached to the optional imagePASS-M3 Print Controller.

\*\*\* Please check with your local Authorized Canon Dealer for availability.

### Dimensions Table

Product Name	Dimensions (H x W x D)	Weight	Power
imageRUNNER 85+ Main Unit	39-5/8" x 30-1/8" x 31-3/8" (1005mm x 764mm x 795mm)	546 lb. (248kg)	208V, 60Hz, 12A
Finisher-K1N	39-1/4" x 26-1/4" x 29-1/8" (995mm x 667mm x 738mm)	141 lb. (64kg)	Directly from Main Unit
Finisher-K2N	39-1/4" x 26-1/4" x 29-1/8" (995mm x 667mm x 738mm)	145 lb. (66kg)	Directly from Main Unit
Saddle Finisher-K3N	39-1/4" x 31-5/8" x 29-1/8" (995mm x 803mm x 738mm)	279 lb. (127kg)	Directly from Main Unit
Paper Deck-M1	22-1/2" x 12-3/4" x 23" (570mm x 323mm x 583mm)	90.3 lb. (41kg)	Directly from Main Unit
Paper Deck-T1	22-5/8" x 23-3/8" x 24-1/2" (575mm x 593mm x 621mm)	101 lb. (46kg)	Directly from Main Unit
Document Insertion Unit-B1	5-5/8" x 22-1/8" x 23" (with Auxiliary Tray Opened) (144mm x 561mm x 584mm)	35 lb. (16kg)	Directly from Main Unit
Paper Folding Unit-C1	39-1/4" x 7-1/8" x 26-5/8" (995mm x 179mm x 675mm)	108 lb. (49kg)	Directly from Main Unit
Booklet Trimmer-A1	22-1/8" x 52" x 24-3/4" (562mm x 1321mm x 629mm)	149 lb. (68kg)	120V AC, 60Hz
imagePASS-M3 Print Controller	14" x 6-3/8" x 11" (355mm x 162mm x 279mm)	11.6 lb. (5.3kg)	110-240V, 1A

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