



## Specification Sheet

# RICOH IM C320F

## Extend the Reach of Your Digital Workspaces

Expand your operations with the new RICOH IM C320F. This compact A4 colour powerhouse fits into small spaces without compromising on performance. Built for your modern workplace, the IM C320F drives efficiency by streamlining workflows, reducing environmental impact, and strengthening data security. It also integrates seamlessly with Ricoh's intelligent A3 multifunction printers (MFPs), empowering your teams to thrive, no matter where they are.

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#### FEATURE HIGHLIGHTS

- Intelligent MFP with advanced colour print, copy, scan, and fax functionalities
- Print/copy speed of 32 pages per minute
- Enhanced ease of use with next-gen 7" Smart Operation Panel
- Enhanced digital workflows through RICOH Smart Integration solutions
- Seamless updates with RICOH Always Current Technology
- Integrates seamlessly in print environments comprising intelligent Ricoh A3 MFPs
- Built-in user authentication and support for TLS 1.3 network security standard
- 800 sheets (max) input capacity

#### SUSTAINABILITY FEATURES

- Made with 50% post-consumer recycled plastic
- Single-use plastic packaging reduced by 31%
- Lower Typical Electricity Consumption (TEC) with low-melt toner and thermal efficient technologies
- Zero plastic use in toner packaging plastic

## Product Specifications

General	
<b>Technology</b>	Dry Electrostatic Transfer System with Dual Component Development
<b>Functions</b>	Copy, print, scan, fax
<b>Operation panel</b>	7" Smart Operation Panel (G3)
<b>Warm-up time</b>	32 seconds
<b>First copy time: B&amp;W</b>	5.8 seconds
<b>First copy time: full colour</b>	6.6 seconds
<b>Copy speed</b>	32 cpm
<b>CPU</b>	1.2 GHz
<b>Memory</b>	6 GB (mainframe 2 GB + Smart Operation Panel 4 GB)
<b>Storage</b>	<ul style="list-style-type: none"> <li>Standard: 64 GB eMMC</li> <li>Optional: 256 GB SSD</li> </ul>
<b>Document feeder capacity</b>	50 sheets (SPDF)
<b>Weight</b>	29.9 kg
<b>Dimensions (w x d x h)</b>	410 mm x 429 mm x 483 mm
<b>Power source</b>	220–240 V, 50/60 Hz

Fax	
<b>Circuit</b>	PSTN, PBX
<b>Transmission speed</b>	3 seconds
<b>Maximum modem speed</b>	33.6 Kbps
<b>Resolution: standard</b>	8 x 3.85 lines/mm, 200 x 100 dpi
<b>Resolution: detail</b>	8 x 7.7 lines/mm, 200 x 200 dpi
<b>Compression method</b>	MH, MR, MMR, JBIG
<b>Scanning speed (A4 LEF)</b>	<ul style="list-style-type: none"> <li>40 spm—simplex</li> <li>80 ipm—duplex</li> </ul>
<b>Memory: standard</b>	4 MB (320 pages)
<b>Memory: maximum</b>	60 MB (4,800 pages)

### Input option

500-sheet paper tray

Scanner	
<b>Speed</b>	<ul style="list-style-type: none"> <li>30 ipm—simplex</li> <li>60 ipm—duplex</li> </ul>
<b>Maximum resolution</b>	600 x 600 dpi
<b>Compression method</b>	<ul style="list-style-type: none"> <li>B&amp;W: TIFF (MH, MR, MMR, JBIG2), greyscale</li> <li>Colour: JPEG</li> </ul>
<b>File formats</b>	Single Page TIFF, Single page JPEG, Single page PDF, Single page High compression PDF, Single page PDF/A, Multi page TIFF, Multi page PDF, Multi page High compression PDF, Multi page PDF/A, Single page Encryption PDF, Multi page Encryption PDF, Single/multi OCR (optional)
<b>Scan to modes</b>	E-mail, Folder, USB

Environmental	
<b>Power consumption: maximum</b>	1,420 W or less
<b>Power consumption: Ready Mode</b>	120 W or less
<b>Power consumption: Sleep Mode</b>	0.58 W
<b>Typical Electricity Consumption (TEC)</b>	0.30 kWh

Copier	
<b>Multiple copying</b>	Up to 999 copies
<b>Resolution: maximum</b>	600 dpi
<b>Reproduction ratio</b>	50 – 400%
<b>Zoom</b>	From 25% to 400% in 1% steps

Printer	
<b>Print speed (600 dpi)</b>	<ul style="list-style-type: none"> <li>32/32 cpm (1 sided)</li> <li>16/16 cpm (2 sided)</li> </ul>
<b>Printer language: standard</b>	PCL6, PostScript 3 (emulation), PDF direct (emulation)
<b>Printer language: optional</b>	Genuine Adobe® PostScript®3™, PDF Direct from Adobe®
<b>Print resolution</b>	1,200 x 1,200 dpi
<b>Network interface: standard</b>	Ethernet 10Base-T/100Base-TX/1000Base-T, USB Host Type A, USB Device Type B, SD Card slot
<b>Network interface: optional</b>	Wireless LAN (IEEE 802.11 a/b/g/n/ac)
<b>Mobile printing</b>	Apple AirPrint, Mopria®, Ricoh Smart Device Connector
<b>Windows environments</b>	Windows® 10, Windows® 11, Windows® Server 2016, Windows® Server 2019, Windows® Server 2022, Windows® Server 2025
<b>MacOS environments</b>	MacOS 11 or later
<b>SAP environments</b>	SAP® R/3®, SAP® S/4® Note: Optional Unicode font package for SAP required.
<b>Other supported environments</b>	Citrix

### Other options

Genuine Adobe® PostScript®3™, OCR unit, card reader cover, caster table, NFC card reader, IEEE 802.11a/b/g/n/ac interface, 256GB SSD option, fax memory unit, Unicode font package for SAP

Paper handling	
<b>Recommended paper size</b>	<ul style="list-style-type: none"> <li>Standard paper tray: A4, A5, A6, B5, B6, Envelopes</li> <li>Optional paper tray: A4, A5</li> <li>Bypass tray: A4, A5, A6, B5, B6, Envelopes</li> <li>Custom size paper: Width—98-216 mm, Length—148-297 mm (Standard tray); Width—76.2-216 mm, Length—127-356 mm (Bypass tray)</li> </ul>
<b>Paper input</b>	<ul style="list-style-type: none"> <li>Standard tray: 250 sheets</li> <li>Bypass tray: 50 sheets</li> <li>Maximum: 800 sheets</li> </ul>
<b>Paper output</b>	<ul style="list-style-type: none"> <li>Standard: 150 sheets</li> <li>Maximum: 150 sheets</li> </ul>
<b>Paper weight</b>	<ul style="list-style-type: none"> <li>Standard tray: (60-200 g/m<sup>2</sup>)</li> <li>Bypass: (60-200 g/m<sup>2</sup>)</li> <li>Duplex: (60-163 g/m<sup>2</sup>)</li> </ul>
<b>Paper types</b>	Plain Paper, Recycled Paper, Coloured Paper, Special Paper 1–3, Letterhead, Preprinted Paper, Bond Paper, Cardstock, Label Paper, Backing Paper, Envelope, Coated Paper
<b>Average monthly volume</b>	7,500 prints/month (max.)
<b>Duty Cycle</b>	75,000 prints/month
<b>Estimated life</b>	5 years or 450,000 output

### Consumables

<b>Toner (black)</b>	11,700 prints
<b>Toner (cyan, magenta, yellow)</b>	5,700 prints

Yields based on A4/5% standard

## Reimagine your workspaces with Ricoh

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Ricoh's intelligent MFPs redefine the boundaries of your workspace. By providing flexible access to vital document processes, these devices ensure your team's productivity isn't limited to a single location. Embrace a truly digital workplace that adapts to your needs, extending your operational capabilities far beyond traditional office walls.



## Contact us now

For more information,  
visit [www.ricoh.co.th](http://www.ricoh.co.th)

### **Ricoh (Thailand) Ltd**

341 On Nut Rd, Prawet, Prawet,  
Bangkok 10250