

Office of the Principal, Ispat Autonomous College, Rourkela

No:- 3708 / 1475 / Date 04.12.2025

QUOTATION CALL NOTICE

Sealed quotations in plain paper/letter pad are invited from the Firms having valid PAN card and GSTIN for Supplying of 1 no of **Printer** as per the specification (Annexure-A) for Ispat College. The Firms must quote their price with specifications for the said item to the undersigned on or before 12.12.2025 by 4.00 PM .The said quotation will be opened at 4.30 PM on the same date in the presence of quotationers. The undersigned reserves the right to reject any or all the quotations without assigning any reason thereof.

R. Mishra
04-12-2025

Principal
Ispat Autonomous College
Sector-16, Rourkela

SPECIFICATIONS

Main Unit	Machine Type	A3 Monochrome Laser Multifunctional
	Core Functions	iR2224N: Print, Copy, Scan and Send iR2224: Print, Copy and Scan
	Control Panel	8.89 cm (3.5 inch) Monochrome Touch Panel
	Memory	Standard: 1.0 GB RAM
	Storage	eMMC: 2 GB
	Interface Connection	NETWORK (only for iR2224N) Standard: 100Base-TX/10Base-T, Wireless LAN (IEEE 802.11b/g/n) OTHERS Standard: USB 2.0 (Device) x1
	Paper Supply Capacity (A4, 80 g/m ² (gsm))	Standard: 350 sheets (Paper Drawer: 250 Sheets, MPT Tray: 100 Sheets) Maximum: 600 sheets (with Cassette Feeding Module-AK1) *iR2224N only
	Paper Output Capacity (A4, 80 g/m ² (gsm))	Standard: 250 sheets Maximum: 250 sheets
	Supported Media Types	Multi-purpose Tray: Thin, Plain, Recycled, Heavy, Colour, Bond, Label, Pre-punched, Envelope Paper Cassette: Plain, Recycled, Colour, Pre-punched
	Supported Media Sizes	Multi-purpose tray: A3, A4, A4R, A5, A5R, B4, B5, B5R, Envelope (COM10, Monarch, DL, ISO-C5). Custom size Min. 95.0 x 148.0 mm Up to 297.0 x 431.0 mm. Paper Cassette: A3, A4, A4R, A5R, B4, B5, B5R
	Supported Media Weights	Multi-purpose tray: 60 to 157 g/m ² (gsm) Paper Cassettes: 64 to 90 g/m ² (gsm) Duplex: 60 to 90 g/m ² (gsm)
	Warm-up Time	From Power On: 13 s or less *Time from device power-on, until copy ready (not print reservation) From Sleep Mode: 4.3 s or less
	Dimensions (W x D x H)	iR2224N (with DADF): 627.0 x 607.0 x 606.0 mm iR2224/2224N (with Platen cover): 627.0 x 589.0 x 502.0 mm
Print	Installation Space (W x D)	1065 x 1285 mm
	Weight	iR2224N: Approx. 30.3 kg without toner and platen cover. iR2224: Approx. 31.6 kg without toner and including platen cover.
	Print Speed (BW)	1-sided: Up to 24 pages per minute (A4), Up to 12 pages per minute (A3), Up to 11 pages per minute (A4R) 2-sided: Up to 16.7 pages per minute (A4), Up to 7.5 pages per minute (A3), Up to 7.8 pages per minute (A4R)
	Print Resolution (dpi)	600 x 600
	Page Description Languages	Standard: UFR II Optional: PCL6 (iR2224N only)
	Fonts	PCL fonts: 45 Roman, 10 Bitmap fonts
	Operating System	UFR II: Windows*8.1 / Windows*10 / Windows*11 / Windows*Server2012 / Windows*Server2012 R2 / Windows*Server2016 / Windows*Server2019 / Windows*Server2022, macOS (10.12 or later) PCL: Windows*8.1 / Windows*10 / Windows*11 / Windows*Server2012 / Windows*Server2012 R2 / Windows*Server2016 / Windows*Server2019 / Windows*Server2022
	Copy Speed	1-sided: Up to 24 pages per minute (A4), Up to 12 pages per minute (A3), Up to 11 pages per minute (A4R) 2-sided: Up to 16.7 pages per minute (A4), Up to 7.5 pages per minute (A3), Up to 7.8 pages per minute (A4R)
	First-Copy-Out Time (BW)	Platen: Approx. 7.4 s or less (A4)
	Copy Resolution (dpi)	600 x 600
Copy	Multiple Choices	Up to 999 copies
	Copy Density	Automatic or Manual (9 Levels)
	Magnification	25% - 400% (1% increments) Preset reduction/enlargement: 25%, 50%, 70%, 100%, 141%, 200%, 400%

Scan	Document Feeder Paper Capacity	50 Sheets (80 g/m ² (gsm)) Platen: Sheet, Book
	Acceptable Originals and Weights	Document Feeder media weight 1-sided/2-sided continuous scanning: 52 to 105 g/m ² (gsm) (BW/CL) *Only single sheet feeding is supported in 37-52 and 105-128 g/m ² (gsm).
	Supported Media Sizes	Platen: 297.0 x 431.8 mm Document Feeder: A3, A4, A4R, A5, A5R, B4, B5, B5R Custom size: 128.0 x 148.0 mm to 297.0 x 431.8 mm
	Scan Speed (ipm: BW/CL; A4)	DADF: 1-sided Scanning: 35/25 (300 dpi, Send), 25 (600 dpi, Copy) 2-sided Scanning: 12/8 (300 dpi, Send), 8 (600 dpi, Copy)
	Scan Resolution (dpi)	Scan for Copy: Up to 600 x 600 Scan for Send: (Push) Up to 300 x 600, (Pull) up to 600 x 600
	Pull Scan Specifications	ScanGear MF For both TWAIN and WIA Windows*8.1 / Windows*10 / Windows*11 macOS (10.12 or later)
	Destination	iR2224N: Email (SMTP), SMB3.0
	Address Book / Speed Dials	iR2224N: LDAP (50) / Local (300) / One-Touch (296)
	Send Resolution (dpi)	Push (iR2224N): 300 x 600 (SMB/FTP/Email) Pull: 50 x 50, 75 x 75, 150 x 150, 200 x 200, 300 x 300, 400 x 400, 600 x 600 *Colour mode is black and white only
	Communication Protocol	File: SMB3.0 (TCP/IP) Email: SMTP (Send) *iR2224N Only
Environmental	File Format	Standard: TIFF, JPEG*, PDF (Compact) *Single Page Only
	Operating Environment	Temperature: 10 - 30°C Humidity: 20 - 80% RH (Relative Humidity)
	Power Source	220-240V 50/60Hz (2.8A)
	Power Consumption	Maximum: Approx. 1,500 W Standby: Approx. 15.5 W Sleep mode: Approx. 0.9 W
Consumables	Toner (Estimated Yield @ 6% Coverage)	NPG-59 Black: 10 200 impressions (A4)
Paper Supply	Feeder Options	Cassette Feeding Module-AK1 Paper Capacity: 250 sheets x 1 (80 gsm) Paper Type: Plain, Recycled, Colour, Pre-punched Paper Size: A3, A4, A4R, A5, B4, B5, B5R Paper Weight: 64 - 90 g/m ² (gsm) Power Source: Main Unit Dimensions (W x D x H): 581.0 x 575.0 x 92.0 mm Weight: Approx. 5.8 kg
Others	Optional Accessories	Platen Cover Type X, DADF-AV2*, Cassette Unit - AK1*, Duplex Unit - E1*, Heater Kit-M2, Cassette Heater Unit-40, PCL Printer Kit-BPIE*, NPG-59 Toner Black, NPG-59 Drum Unit *Only applicable for iR2224N

Rmshrc
04-12-2025

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