

OFFICE OF THE PRINCIPAL
H.N.S. MAHAVIDYALAYA, CHANDOL, KENDRAPARA
Email id: hns_m_cc@yahoo.in

Notice No: 526

Date: 12.04.2025

Sealed quotations are invited from reputed firms having GSTIN by 25.04.2025 for supply of 1. IT equipment, 2. Xerox machine, 3. Sound system to the college.

For details visit the college website: www.hnsmahavidyalaya.org.in

G. Karthi
12.04.25

Principal
Principal

H.N.S. Mahavidyalaya
Chandol, Kendrapara

12/4/25

Desktop Specification

Items	Specification
Cabinet Form Factor	Tower/Micro Tower (15.1 to 26 Litres)
Chipset Number	Intel H670/Intel® H770 or higher Chipset
Processor Make	Intel
Processor	x86 64-bit architecture
Processor Generation	13 Or higher
Processor Description	Intel Core i3 or higher
Processor Number	Intel Core i3 13100 or higher
Number of Cores and Threads per Processor	Max Turbo Frequency 4.5Ghz, Minimum 4 Cores and 8 Threads or higher
Operating System	Windows 11 Home Factory Preloaded
RAM Size (GB)	DDR-4 8GB 3200 (16 X1) or higher (2 DIMM Slots)
RAM Expandability up to (using spare DIMM Slots in GB)	64 GB or higher
Integrated Graphics	Intel UHD Graphics 770 or higher
Supported for discrete NVIDIA/AMD Graphics Card up to 6GB	Yes
Type of Drives used to populate the Internal Bays	NVMe SSD
Total HDD Capacity (GB)	NA
Total SSD Capacity (GB)	512GB NVMe SSD
Optical Drive	Optional
Drive Bays	Two 3.5" (2.5") HDD
Slots for Upgradation	1 PCI Express 4.0 x16, 1 PCI Express 3.0 x1, 1 PCI (Full Height), 2 M.2 slots for WLAN & SSD
LAN	LAN: Integrated 10/100/1000M
Ports and Connectors	Front: 1 headphone/microphone combo; 3 Super Speed USB 5Gbps signalling rate; 2 SuperSpeed USB 10 Gbps signalling rate; 1 USB Type-C, total 6nos USB in front for easy access Rear: 1 HDMI; 1 Serial Port; 1 line in; 1 line out; 1 power connector; 1 RJ-45; 1 DP; 2 USB 2.0
Firmware Trusted Platform Module	TPM 2.0
Hardware Security lock slot	Security lock slot
Power Supply	180-260Watt Internal power supply with minimum 90% efficiency
Certification	Bidder should submit OEM bid specific authorization & the same authorization may be verified by the respective OEM if required
	OEM must have the ISO 9001,14001, ISO 20001, ISO 27001 Certificate
	Microsoft Windows, Energy star 8.0 certified
	Bidder should submit BIS, BEE, EPEAT, UL, RoHS Certificate of products at the time of participation of the Bid.
Keyboard Mouse	USB Keyboard, USB Optical Mouse
Monitor	19.5" LED Display with CTO Certified and same must be belongs to the same OEM
Years of Warranty	3 Year Onsite Warranty

600 VA Line Interactive UPS Specifications		
Sl. No.	Feature	General Specifications
1	UPS Capacity (total)	600VA/360W
2	Input Voltage	230 VAC nominal
3	Input Frequency	45 - 65 Hz
4	Brownout Transfer	145 VAC typical
5	Over-voltage Transfer	290 VAC typical
6	Voltage on Battery	230 VAC typical (stepped approximated sine wave)
7	Frequency - On Battery	50Hz typical
8	Transfer Time	@50 Hz : 6 ms typical, 10 ms max
9	Air Ventilation	Should have Side and Back Honey bee Perforation for heat dispersion
10	Protection from Humidity & Dust	UPS Should have conformal paint coating on PCB for Insulation for Dust and Humidity
11	Battery Saver Option	UPS Should have Battery Saver Option to increase the life of the Battery upto 5 years
12	No Load Shutdown	UPS Should work on loads of 2-3 watts also
13	AC Surge Protection	Full time, 160 joules
14	Automatic Re start of UPS	In case the UPS backup is totally drained and automatic switched off, when the grid power resumes the UPS Should Auto Start without human interference.
15	Type (maintenance-free)	12V, 7.2 Ah
16	Typical recharge time	4-6 hours
17	Operating Temperature	0°C to 40°C
18	Storage Temperature	-15°C to 45°C
19	3 power outlets	With battery backup and surge protection
20	Power Cord	1.2 meters
21	Runtime for Single PC load (60W $\pm$ 15W)	27 min (normal mode)
22	Runtime for Workstation PC (100W $\pm$ 15W)	13 min (normal mode)
23	Battery Saver (to save on battery life)	Thru toggle button on front panel
24	Certification	BIS
25	Designed and Manufactured in India	Yes
26	Warranty	2 years

Generic	
Description of Stores	Multifunction Machine Printer with Minimum 1 Year On Site Warranty, including Cartridge and Power Cord/Adapter
Core Function	Print, Scan and Copy
Print Technology	Laser
Cartridge Technology	Composite Cartridge
Type of Printing	Monochrome (Black)
RAM Size (MB)	256
Storage Capacity (in GB)	0
Features	Fax
Operating System Compatibility	Windows 10 and Above, Linux, Mac OS, Windows Server
Printing	
Print Paper Size	A4 and Legal
Minimum Print Speed per Minute as per ISO/IEC 24734 in A4 Size-Monochrome (Black) (in PPM)	26 to 30
Minimum Print Speed per Minute as per ISO/IEC 24734 in A4 Size-Colour (in PPM)	Not Applicable
Minimum Speed per Minute as per ISO/IEC 24734 in A3 Size-Mono (in PPM)	Not Applicable
Minimum Speed per Minute as per ISO/IEC 24734 in A3 Size-Color (in PPM)	Not Applicable
Auto Duplexing Printing/Coping (2-sided Feature)	Yes
Scanning	
Maximum Scan Area (Platen/Flatbed Size)	A4 and Legal
A4 Scan Speed -Colour (Image Per Minute) @ 300 x 300 dpi	11 to 20
Scan To Functions	Email
A4 Scan Speed - Mono (Image Per Minute) @ 300 x 300 dpi	11 to 20
COPYING	
Reduction and Enlargement Feature	Yes

PAPER HANDLING	
Original Document Feeder Type (For Scanning and Copying)	Automatic Document Feeders (ADF)
Feeder Capacity (Number of Sheets) (For Scanning and Copying)	31 to 40
Number of Main Paper Tray	1
Total Paper Tray Combined Capacity (Number) at 75 GSM	101 to 200
Bypass Tray Facility	No
If Yes, Bypass Tray Capacity	0
Connectivity	
Connectivity	USB Port, Ethernet Port, Wi-Fi
Accessories Provided	USB Cable
Performance	
Minimum Yield of the Cartridge/Ink/Toner supplied with Machine as per IS/ISO/IEC: 19752/2017 for Black (Number of Prints)	700
Minimum Yield of the Cartridge/Ink/Toner Supplied with Machine as per IS/ISO/IEC: 19798:2017 for Cyan, Yellow and Magenta Color (Number of Prints)	0
Minimum Duty Cycle (Number of Prints/Month)	10,001 to 20,000
POWER	
Power Supply	Single Phase AC 220 - 240 V, 50 - 60 Hz
Maximum Power Consumption (in Watt)	1300
Environmental	
Minimum Operating Temperature (Degree C)	10
Maximum Operating Temperature (Degree C)	30

Minimum Operating Humidity (%RH)	20
Maximum Operating Humidity (%RH)	80
Dimension	
Standard Machine Weight with Single Tray (in Kg)	11
Certification	
BIS CRS Compliance	Yes as per IS 13252 (Part 1)
Maximum Number of Prints covered under Product warranty (Whichever is earlier)	30000
EPR Registration in respect of the manufacturer/authorised importer as per E waste rules as amended up to date	Yes
Agreed to Provide a copy of EPR Registration Certificate to the Buyer on Demand	Yes

General Features	Screen Size	65
	Brightness (cd/m ²)	350Nits or better
	Contrast Ratio	1200:1
	Dynamic Contrast Ratio	400,000:1
	Response Time (ms)	8.0
	Display resolution (H x V, pixels)	3840 x 2160
	HDR (High Dynamic Range) compatibility	Yes (HDR10, HLG)
	Aspect Ratio	16:9
	Portrait/Tilt Compatibility	Yes
Display features	Dimming type	Frame Dimming
	Display Device	LCD
	Panel Type	IPS
	Backlight type	Direct LED
	Color gamut (NTSC)	69%
	Operation time	16/7
	Haze (%)	1 %
	Viewing Angle (Right/Left)	178 (89/89) degree
	Viewing Angle (Up/Down)	178 (89/89) degree
Audio Specs	HDMI Signal	4096 x 2160p (24, 50, 60 Hz), 3840 x 2160p (24, 25, 30, 50, 60 Hz), 1080p (30, 50, 60 Hz), 1080/24p, 1080i (50, 60 Hz), 720p (30, 50, 60 Hz), 720/24p, 576p, 576i 480p, 480i
	Speaker Position	Down Firing
	Audio Power Output	10W + 10W
Professional features	Pro settings	Yes (Simple Pro settings menu)
	HDMI auto wake-up	Yes
	Operating System	Android TV
Network Specs	On-board Storage (GB)	16GB
	RAM	3GB
	Wi-Fi Certified	Yes
Convenience features	Wireless LAN	Integrated
	USB playback codecs	MPEG1:MPEG1/MPEG2 PS:MPEG2/MPEG2 WEBM:AV1/AC4/ogg/AAC
	On Screen Clock	Yes
	Sleep Timer	Yes
	On/Off Timer	Yes
	Chromecast built-in	Yes
Control Specs	Apple AirPlay	Yes
	IP Control	Yes
	RS-232C Control	Yes
	HDMI-CEC	Yes
	HDCP	Yes
	Composite Video Input (s)	HDCP2.3 (for HDMI1/2/3) 1 (Side, Mini jack)

Inputs and outputs	HDMI inputs total	3 (3Side)
	Analog Audio Input (s) (Total)	1 (Side Analog Conversion)
	Digital Audio Output (s)	1 (Side)
	USB ports	2 (Side)
	Ethernet inputs	1 (Side)
Design features	VESA® Hole Pitch (W x H)	300 x 300 mm
Environment Specs	Rated Power Consumption	226W
	Power Consumption (in Standby)	0.5 W
	Dynamic Backlight Control	Yes
	Power Saving Mode / Back Light Off Mode	Yes
Measurements	Dimension of TV without Stand (W x H x D)	1462 x 842 x 71 mm
	Dimension of TV with Stand (W x H x D)	1462 x 912 x 338 mm
	Dimension of Package Carton (W x H x D)	1588 x 965 x 184 mm
Weight	Weight of TV without Stand	20.4 kg
	Weight of TV with Stand	21.3 kg
	Weight of Package Carton (Gross)	28 kg



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FEATURES

More Details

Country of Origin	Switzerland
Connectivity	USB-C to USB-C Cable
Focus Type	Advanced Autofocus
Package Contains	MX Brio, Mount Clip with Removable Adapter, USB-C to C 3.0 Cable, User Documentation

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SPECIFICATIONS

DESCRIPTION

Country of Origin	Switzerland
Connectivity	USB-C to USB-C Cable
Focus Type	Advanced Autofocus
Package Contains	MX Brio, Mount Clip with Removable Adapter, USB-C to C 3.0 Cable, User Documentation
Microphone Type	Dual Beamforming
Width	98 mm
Zoom	4x Digital Zoom
Type of Product	Web Camera,
Part No	960004K08PT
Height	44 mm
Weight	137 g
Lens Type	Glass
Interface	USB 3.0
Color	Graphite
Resolution	4K/30 fps, 1080p/60 fps
Image Sensor	8.5 MP Sony STARVIS
Model No	960-001548

₹24,719 (incl. of all taxes)

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Minimum
Order
Quantity: 1

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COD

Available

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Available
Return
period: 7
days



SPECIFICATIONS

MAIN UNIT	
Machine Type	A3 Monochrome Laser Multifunctional
Core Functions	Print, Copy, Scan, Send and Optional Fax
Control Panel	17.78 cm (7 inch) TFT LCD WVGA Colour Touch Panel
Memory	Standard: 2.0GB RAM
Storage	eMMC: 30GB
Interface Connection	Network Standard: 1000Base-T/100Base-TX/10Base-T, Wireless LAN (IEEE 802.11 b/g/n) Others Standard: USB 2.0 (Host) x3, USB 2.0 (Device) x1
Paper Supply Capacity A g m gsm	Standard: 330 sheets Maximum: 580 sheets (with Cassette Feeding Module-AK1)
Paper Output Capacity A g m gsm	Standard: 250 sheets Maximum: 250 sheets
Supported Media Sizes	Multi-purpose Tray: A3, A4, A5R, A5, A5R, B4, B5, B5R, Envelopes (No. 10 (COM 10), Monarch, ISO-C5, DL) Custom Size/Free Size: Min. 95.0 x 139.7 mm up to 297.0 x 431.8 mm Paper Cassette: A3, A4, A5R, A5, 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 Quick Start Mode: ON	4 s or Less* * Time from device power-on to when key operations can be performed on the touch panel display From Sleep Mode: 10 s or less 12 s or Less* * Time from device power on, until copy ready (not print reservation)
Dimensions W x D x H	With Platen Cover-AA1: 627 x 665 x 516 mm With DADF-A22: 627 x 692 x 616 mm
Installation Space W x D	1 065 x 1 285 mm
Weight	With Platen Cover-AA1: 34.9kg including toner With DADF-A22: 39.9kg including toner
PRINT SPECIFICATIONS	
Print Speed BW	Up to 25 pages/min (A4), Up to 12 pages/min (A3), Up to 11 pages/min (A5R)
Print Resolution dpi	600 x 600
Page Description Languages	Standard: UFR II Optional: PCL6, Adobe® PostScript® 3™ Supported File Types: PUL, PDF, EPS, TIFF/JPEG, XPS USB Memory/Network Place: PDF, TIFF/JPEG, XPS
Fonts	PCL fonts: 93 Roman, 10 Bitmap Fonts, 2 OCR Fonts, Andale Mono WT J/K/S/T (Japanese, Korean, Simplified and Traditional Chinese), Barcode Fonts ² PS fonts: 136 Roman * Requires optional PCL International Font Set-A1 * Requires optional Barcode Printing Kit-D1
Operating System	UFR II: Windows® 7/8.1/10/Server 2008/Server 2008 R2/Server 2012/Server 2012 R2/Server 2016/Server 2019, MAC OS X (10.10 or later) PCL: Windows® 7/8.1/10/Server 2008/Server 2008 R2/Server 2012/Server 2012 R2/Server 2016/Server 2019 PS: Windows® 7/8.1/10/Server 2008/Server 2008 R2/Server 2012/Server 2012 R2/Server 2016/Server 2019, MAC OS X (10.10 or later) PPD: Windows® 7/8.1/10, MAC OS X (10.10 or later)

COPIES	
Print Speed BW	Up to 25 pages/min (A4), Up to 12 pages/min (A3), Up to 11 pages/min (A5R)
First Copy Start Time A BW	7.4 s or less
Copy Resolution dpi	600 x 600
Multi-run Copies	Up to 9 999 copies
Copy Density	Automatic or Manual (9 Levels)
Magnification	25% - 400% (1% increment) Preset Reduction/Enlargement: 25%, 50%, 61%, 70%, 81%, 86%, 100%, 115%, 122%, 141%, 200%, 400%

SCAN SPECIFICATIONS	
Scanner	Optional: Duplexing Automatic Document Feeder (2-sided to 2-sided) (DADF-A22) or Platen Cover (Platen Cover-AA1)
Document Feeder Paper Capacity g m gsm	DADF-A22: 50 Sheets Platen: Sheet, Book
Acceptable Originals and Weights	Document Feeder Media Weight: 1-sided Scanning: 37 to 128 g/m ² (gsm) (BW/CL) 2-sided Scanning: 52 to 128 g/m ² (gsm) (BW/CL) Only 1-sheet Feeding is Supported in 37-52 and 105-128 g/m ² (gsm)

SCAN SPECIFICATIONS	
Supported Media Sizes	Platen: Max. Scanning Size: 297.0 x 432.0 mm Document Feeder Media Size: A3, A4, A5R, A5, A5R, B4, B5, B5R Custom Size: 139.7 x 148.5 mm to 297.0 x 432.0 mm
Scan Speed Images min BW CL A	DADF-A22: 1-sided Scanning: 35/25 (300 dpi, Send), 25/13 (600 dpi, Copy) 2-sided Scanning: 12/8 (300 dpi, Send), 8/4 (600 dpi, Copy)
Scan Resolution dpi	Scan for Copy: Up to 600 x 600 Scan for Send: (Push/Pull, BW) up to 600 x 600 (Push/Pull, CL) up to 300 x 300 Scan for Fax: Up to 600 x 600
Pull Scan Specifications	Colour Network ScanGear2, For Both TWAIN and WIA
Supported OS	Windows® 7/8.1/10 Windows® Server 2008/Server 2008 R2/Server 2012/Server 2012 R2/Server 2016
Scan Method	Push Scan, Pull Scan, Scan to Network, Scan to Memory Media (USB Memory Key), Scan to Mobile Devices, Scan to Cloud-based Services (uniFLOW)

SEND SPECIFICATIONS	
Destination	Standard: E-mail/Internet FAX (SMTP), SMB3.0, FTP WebDAV Optional: Super G3 FAX
Address Book	LDAP (2 000)/Local (1 600)/One-touch (200)
Send Resolution dpi	Push: 100 x 100, 150 x 150, 200 x 100 (Standard), 200 x 200 (Fine), 200 x 400 (Superfine), 300 x 300, 400 x 400 (Ultrafine), 600 x 600* Pull: 75 x 75, 100 x 100, 150 x 150, 200 x 200, 300 x 300, 400 x 400*, 600 x 600* *Only applicable for black and white, even if colour mode is selected
Communication Protocol	File: FTP (TCP/IP), SMB (TCP/IP), WebDAV Email/Fax: SMTP (Send), POP3 (Receive)
File Format	Standard: TIFF (MMR), JPEG*, PDF (Compact, PDF/A-1b, Encrypted), XPS (Compact), PDF/XPS (Device Signature) Optional: PDF (Trace & Smooth), PDF/XPS (User Signature), PDF/XPS (Searchable), Office Open XML (PowerPoint, Word) *Single page only

FAX SPECIFICATIONS	
Maximum Number of Connection Lines	1
Modem Speed	Super G3: 33.6 kbps G3: 14.4 kbps
Compression Method	MH, MR, MMR, JBIG
Resolution dpi	400 x 400 (Ultrafine), 200 x 400 (Superfine), 200 x 200 (Fine), 200 x 100 (Normal)
Sending/Receiving Size	Sending: A3, A4, A5R, A5*, A5R*, B4, B5*, B5R* Receiving: A3, A4, A5R, A5R, B4, B5, B5R * Sent as B4 * Sent as A4
FAX Memory	Up to 30 000 Pages
Speed Dials	Max. 200
Group Dials Destinations	Max. 199 Dials
Sequential Broadcast	Max. 256 Addresses
Memory Backup	Yes

ENVIRONMENTAL SPECIFICATIONS	
Power Source	220-240V 50/60Hz 2.7A
Power Consumption	Maximum: 1 500 W Standby: 22.1 W ¹ Sleep Mode: 1 W ² , 2 W ³ *1 Reference value measured one unit *2 Wireless LAN power save mode OFF *3 Sleep mode is not available in all circumstances due to certain settings

CONSUMABLES	
Toner Cartridges	NPG-59 Black Toner

PAPER SUPPLY OPTIONS	
Cassette Feeding Module-AK1	Cassette Feeding Module-AK1 Paper Capacity: 250 sheets 80 g/m ² (gsm) Paper Type: Plain, Recycled, Colour, Pre-punched
Cassette Feeding Module-AK	Paper Size: A3, A4, A5R, A5, B4, B5, B5R Paper Weight: 64 to 90 g/m ² (gsm) Power Source: Main Unit Dimensions (W x D x H): 581 x 575 x 92 mm Weight: 5.8kg

OTHER ACCESSORIES	
DADF-A22, Platen Cover-AA1, PCL International Font Set-A1, PS Printer Kit-C1, K1-CM1, Universal Send Digital User Signature Kit-C1, Universal Send Advanced Barcode Printing Kit-D1, Copy Control Interface Kit-D1, Super G3 FAX Board	