



Ref. : .....

Date : .....

الرقم : .....

التاريخ : .....

لجنة شراء لوازم والخدمات الاستشارية (فرعية)

عطاء فرعي

(استدراج عروض)

" توريد اجهزة حاسوب وتوابعها "

رقم العطاء : 2023/13

التاريخ : 2023/08/29

فاكس 032179033 هاتف (03/2179000)

إلى السيد / السادة .....

أرجو تقديم أسعاركم للمواد المبينة أدناه وإعادة هذه المناقصة بالظرف المختوم إلى لجنة شراء لوازم والخدمات الاستشارية (فرعية) في مكاتب الجامعة في معان .

واقبلوا الاحترام ،،،

رئيس لجنة شراء لوازم والخدمات الاستشارية (فرعية)

ملاحظات	المنتج أو الموديل أو الماركة	السعر الإجمالي د ف	السعر الافرادي د ف	الوحدة	الكمية	اسم المادة ومواصفاتها	الرقم
				عدد	1	ماكينة تصوير 3x1	1
				عدد	9	طابعات 3x1	2
				عدد	4	حاسوب PC	3
				عدد	1	لاب توب	4
				عدد	1	تاب	5
حسب الوصف المرفق							
المجموع							

أتعهد والتزم بكافة شروط العامة والخاصة المناقصة المرفقة والمعلن عنها على الموقع الالكتروني للجامعة .

العنوان : .....

مدة التسليم .....

اسم المناقص أو الشركة .....

مكان التسليم .....

أو المؤسسة .....

هاتف رقم ..... فاكس رقم .....

الخاتم الرسمي والتوقيع .....

\*\*\* يعتبر المناقص مطالعا ضمنا على نظام المشتريات (8) لسنة 2022 الحكومي وتعديلاته وتعليماته ونسخته الموجوده على الصفحة الالكترونية للعطاءات  
\*\*\* يتم فتح العروض يوم الثلاثاء الموافق 2023/9/12 الساعة (11) ظهرا وفي حال تعذر فتحها في الموعد المقرر يتم الاعلان عن الموعد الجديد في صفحة العطاءات على موقع الجامعة

الالكتروني . <http://ahu.edu.jo/TenderAr.aspx>\*\*\* يعلن عن الاحالة المبدئية للعطاء واي تفاصيل اخرى في صفحة العطاءات على موقع الجامعة الالكتروني <http://ahu.edu.jo/TenderAr.aspx>

## Multifunction 3 in 1 ( QTY 1)

### SPECIFICATIONS (tentative)

#### General

Type	Desktop
Engine speed	A4 (8 1/2" x 11") <sup>*1</sup> : Max. 45/35 ppm
Control panel display	5-line LCD
Paper size	Max. A4 (8 1/2" x 14"), min. A6 (5 1/2" x 8 1/2")
Paper capacity (80 g/m <sup>2</sup> )	Standard: 550 sheets (500-sheet tray and 50-sheet multi bypass tray) Maximum: 1,150 sheets (550 sheets & optional 600-sheet tray)
Paper weight	Tray 1: 60 g/m <sup>2</sup> to 105 g/m <sup>2</sup> (16 lbs bond to 28 lbs bond) Tray 2 (MX-CS14): 55 g/m <sup>2</sup> to 220 g/m <sup>2</sup> (13 lbs bond to 80 lbs cover) Multi bypass tray: 55 g/m <sup>2</sup> to 220 g/m <sup>2</sup> (13 lbs bond to 80 lbs cover)
Warm-up time <sup>*2</sup>	29 sec.
Memory	1 GB (copy/print shared)
Power requirements	Rated local AC voltage ±10%, 50/60 Hz
Power consumption	Max. 1.84 kW (220 V to 240 V)
Dimensions (W x D x H) <sup>*3</sup>	492 x 517 x 560 mm (19 3/8" x 20 23/64" x 22 1/16")
Weight (approx.)	29 kg (64.0 lbs)

#### Copier

Original paper size	Max. A4 (8 1/2" x 14")
First copy time <sup>*4</sup>	8.5/9.0 sec.
Continuous copy	Max. 999 copies
Resolution	Scan: 600 x 600 dpi, 600 x 300 dpi Print: 600 x 600 dpi
Gradation	Equivalent to 256 levels
Zoom range	25% to 400% (25% to 200% using RSPF) in 1% increments
Preset copy ratios	Metric: 8 ratios (4R/4E), inch: 5 ratios (3R/2E)

#### Network Colour Scanner

Scan method	Push scan (via control panel) Pull scan (TWAIN-compliant application)
Scan speed <sup>*5</sup>	Colour: Max. 13 originals/min. B/W: Max. 40 originals/min.
Resolution	Push scan: 100, 150, 200, 300, 400, 600 dpi Pull scan: 75, 100, 150, 200, 300, 400, 600 dpi 50 dpi to 9,600 dpi via user setting <sup>*6</sup>
File formats	TIFF, PDF, JPEG <sup>*7</sup>
Scanner utility	Sharpdesk
Scan destinations	Scan to e-mail/desktop/FTP server/network folder (SMB)/ USB drive

#### Network Printer

Resolution	600 x 600 dpi
Interface	USB 2.0 (host, high-speed), 10Base-T/100Base-TX/1000Base-T
Supported OS	Windows Server <sup>®</sup> 2008, Windows Server <sup>®</sup> 2008 R2, Windows Server <sup>®</sup> 2012, Windows Server <sup>®</sup> 2012 R2, Windows Server <sup>®</sup> 2016, Windows <sup>®</sup> 7, Windows <sup>®</sup> 8.1, Windows <sup>®</sup> 10, Mac OS 10.6, 10.7, 10.8, 10.9, 10.10, 10.11, 10.12, 10.13
Network protocols	TCP/IP
Printing protocols	LPR, Raw TCP (port 9100), FTP for downloading print files, IPP, SMB, WSD
PDL	PCL 6 emulation, PostScript <sup>®</sup> 3™ emulation
Available fonts	80 fonts for PCL, 136 fonts for PostScript 3 emulation



### Laptop Specifications(Qty 1)

CPU	Processor Generation 11 <sup>th</sup> Processor Family Intel Core i7
Memory	RAM Capacity 16GB Memory Type DDR4
Storage	Storage Capacity 1TB SSD PCIe® NVMe™ M.2 SSD Storage Type SSD
Graphic Card	Graphic Manufacturer Intel or compatible Graphic Model Iris® Xe Graphics Graphic Memory Source Dedicated 2GB
Display Specifications	Display Size 15.6" FHD Display Technology Anti-glare LED backlight Display Resolution 1920 x 1080 FHD
Inputs & Outputs	Keyboard Full-size island-style keyboard with integrated numeric keypad Keyboard Backlight NO Ports 1. 3-in-1 SD Media Card   2. USB 2.0   3. Wedge-Shaped Lock Slot   4. Power In   5. USB 3.2 Gen 1 Type-C™ (Data only)*   6. HDMI 1.4   7. Ethernet RJ-45   8. USB 3.2 Gen 1   9. USB 3.2 Gen 1   10. Headset Jack Optical Drive NA Camera Integrated widescreen HD (720p) Webcam with Single Digital Microphone Audio 2 tuned speakers with Waves MaxxAudio® Pro 1 combo headphone / microphone jack Connectivity Networking Intel Dual Band Wi-Fi 6 AX201 2x2 802.11ax 160MHz + Bluetooth 5.1
Battery Specifications	Battery Number of Cells Minimum 3 Cells
Operation System	Operation System Windows 10 or 11
General Information	Warranty 1 Year
Carrying case	Included and original (top loading)



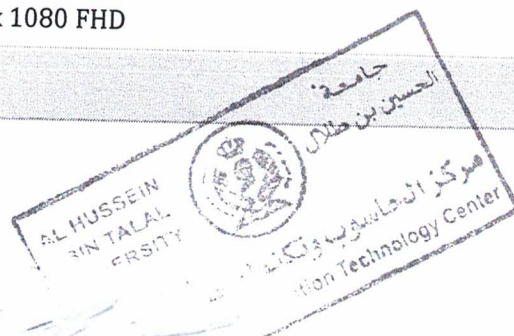
<b>NETWORK</b>	<u>Technology</u>	<u>GSM / HSPA / LTE</u>
<b>LAUNCH</b>	<u>Announced</u>	2021, December 15
	<u>Status</u>	Available. Released 2022, January 17
<b>BODY</b>	<u>Dimensions</u>	246.8 x 161.9 x 6.9 mm (9.72 x 6.37 x 0.27 in)
	<u>Weight</u>	508 g (1.12 lb)
	<u>SIM</u>	Nano-SIM
<b>DISPLAY</b>	<u>Type</u>	TFT LCD
	<u>Size</u>	10.5 inches, 319.7 cm <sup>2</sup> (~80.0% screen-to-body ratio)
	<u>Resolution</u>	1200 x 1920 pixels, 16:10 ratio (~216 ppi density)
<b>PLATFORM</b>	<u>OS</u>	Android 11, upgradable to Android 13, One UI 5
	<u>Chipset</u>	Unisoc Tiger T618 (12 nm)
	<u>CPU</u>	Octa-core (2x2.0 GHz Cortex-A75 & 6x2.0 GHz Cortex-A55)
	<u>GPU</u>	Mali G52 MP2
<b>MEMORY</b>	<u>Card slot</u>	microSDXC (dedicated slot)
	<u>Internal</u>	32GB 2GB RAM, 32GB 3GB RAM, 64GB 4GB RAM, 128GB 3GB RAM, 4GB RAM
<b>MAIN CAMERA</b>	<u>Single</u>	8 MP, AF
	<u>Video</u>	1080p@30fps
<b>SELFIE CAMERA</b>	<u>Single</u>	5 MP
	<u>Video</u>	1080p@30fps
<b>SOUND</b>	<u>Loudspeaker</u>	Yes, with stereo speakers (4 speakers)
	<u>3.5mm jack</u>	Yes
<b>COMMS</b>	<u>WLAN</u>	Wi-Fi 802.11 a/b/g/n/ac, dual-band, Wi-Fi Direct
	<u>Bluetooth</u>	5.0, A2DP, LE
	<u>Positioning</u>	GPS, GLONASS, BDS, GALILEO, QZSS
	<u>NFC</u>	No
	<u>Radio</u>	No
	<u>USB</u>	USB Type-C 2.0
<b>FEATURES</b>	<u>Sensors</u>	Accelerometer, gyro, proximity, compass
<b>BATTERY</b>	<u>Type</u>	Li-Po 7040 mAh, non-removable
	<u>Charging</u>	15W wired
<b>MISC</b>	<u>Colors</u>	Gray, Silver, Pink Gold
	<u>Models</u>	SM-X200, SM-X205
	<u>SAR EU</u>	0.92 W/kg (body)
	<u>Price</u>	About 230 EUR

**Disclaimer.** We can not guarantee that the information on this page is 100% correct. [Read more](#)



## Personal Computers (Qty4)

Processor Specifications	
Processor Generation	11th Generation or above
Processor Family	Intel Core i5
Processor Speed	2.0Ghz up to 4.5GHz
Processor Cache	16MB
Number of Cores	8Cores
Memory	
RAM Capacity	16GB
Memory Type	DDR4
Storage	
Storage Capacity	512 GP
Storage Type	SSD/M.2
Graphic Card	
Graphic Manufacturer	Intel
Graphic Model	Intel UHD Graphics 630
Graphic Memory Source	Integrated
Display Specifications	
Display Size	24"
Display Resolution	1920 x 1080 FHD
Inputs & Outputs	



## Processor Specifications

Ports	1x USB 2.0 1x USB 3.2 Gen 1 1x USB-C 3.2 Gen 1 (support data transfer and 5V@3A charging) 1x HDMI-out 1.4 1x HDMI-in 1x Ethernet (RJ-45) 2x USB 2.0 1x USB 3.2 Gen 1 1x card reader 1x headphone / microphone combo jack (3.5mm)
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Optical Drive	DVD R/W
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Camera	HD Webcam
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Audio	Integrated 2 x 3 W speakers
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## Connectivity

Networking	Integrated 10/100/1000 GbE LAN Intel 3165 11ac 1x1 + Bluetooth® 4.0
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## Operation System

Operation System	Windows 11
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## Extras

Multimedia	Original Keyboard + Original Optical Mouse
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## General Information

Warranty	1 Year
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## Multifunction 3 in 1 (Qty 8)

### Printer Specifications

Printer Type	3 in1
Printer Functions	Print scan copy
Printer technology	Laser Color
feeder	Yes
Media Size Supported	A4; A5; A6; B5 (JIS)
Printer Display	2-Line LCD or above
Processor Speed	800 MHz
Printer Memory	512 MB

### Printing Specifications

Print Speed Black	Up to 21 ppm
Duty Cycle	Up to 40000 pages

### Printing Resolution

Print Quality Black	Up to 600 x 600 dpi
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### Scan Specifications

Scanner Type	Flatbed with feeder
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Scan File Format	PDF JPG TIFF
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### Printer Specifications

Scan Resolution Up to 19  
200 dpi

Scan Size A4  
A5  
A6  
B5

### Copy Specifications

Copy Speed Up to 18 cpm

Copy Resolution 600 x 600 dpi

### Printer Connectivity

USB Yes

Ethernet Yes

Wireless Yes

### General Information

Warranty 1Year





## General

Technology	Electrophotographic Laser Printer
Laser Classification	Class 1 Laser Product (IEC60825-1:2007)
Processor	Core™ i7 800MHz
Memory	512MB
Local Interface	Hi-Speed USB 2.0
Wired Network Interface	10Base-T/100Base-TX
Colour Touchscreen	12.3cm Colour Touchscreen
Shortcuts	48
<b>Print</b>	
Print Speed Standard (A4)	Up to 40ppm (pages per minute)
Print Speed 2-Sided (A4)	Up to 20 sides per minute (10 sheets per minute)
Resolution	Up to 1,200 x 1,200 dpi
Quiet Mode	A mode to reduce the printing noise by reducing the print speed to 25ppm
Automatic 2-Sided Printing	Print on to both sides of the paper
FPOT (First Print Out Time)	Less than 7.2 seconds from ready mode
Print Languages	PCL6, BR-Script3 (PostScript™3™ Language Emulation), IBM Proprinter XL, Epson FX-850 PDF version 1.7, XPS version 1.0
Embedded Fonts (PCL)	66 scalable fonts, 12 bitmap fonts, 13 barcodes
Embedded Fonts (Postscript)	66 scalable fonts
Embedded Barcodes (PCL)	Code39, Interleaved 2 of 5, FIM (US-PostNet), Post Net (US-PostNet), EAN-8, EAN-13, UPC-A, UPC-E, Codabar, ISBN (EAN), ISBN (UPC-E), Code128 (set A, set B, set C), EAN128 (set A, set B, set C)

## Printer Functions

N-up Printing <sup>3</sup>	Reduce up to 2, 4, 9, 16 or 25 A4 pages into just one A4 page (Mac, up to 2, 4, 6, 9, or 16)
Poster Printing <sup>4</sup>	Enlarge 1 A4 page into a poster using 4, 9, 16 or 25 A4 pages
Watermark Printing <sup>4</sup>	Watermark your documents with predefined text or with your own user-defined messages
ID Printing <sup>4</sup>	Add identification to your printed documents (date & time, short custom message or PC username)
Manual 2-Sided Print <sup>4</sup>	Manual 2-sided printing (recommended for media not supported by automatic 2-sided print)
Booklet Printing <sup>4</sup>	Print documents in A5 booklet format using automatic or manual 2-sided print
Skip Blank Page <sup>4</sup>	Ignores any blank pages in your documents by not printing them
Print Profiles <sup>3</sup>	Store your favourite driver settings as profiles to easily recall them
Print Text In Black <sup>4</sup>	Converts all text in your documents to black when printed
Print Archive <sup>4</sup>	An electronic carbon copy feature that saves an electronic copy of all printed documents as a PDF file
Carbon Copy <sup>4</sup>	Prints additional copies of the same document to paper taken from additional paper trays

## Printer Driver

Windows <sup>9</sup>	Windows <sup>9</sup> 10 (32 & 64 bit editions) Windows <sup>8</sup> 8 (32 & 64 bit editions) Windows <sup>7</sup> 7 (32 & 64 bit editions) Windows Vista <sup>3</sup> (32 & 64 bit editions) Windows <sup>XP</sup> XP Professional (32 & 64 bit editions) Windows <sup>XP</sup> XP Home Windows <sup>Server</sup> Server 2012, 2012R2 & 2008R2 Windows <sup>Server</sup> Server 2008 (32 & 64 bit editions) Windows <sup>Server</sup> Server 2003 (32 & 64 bit editions)
Macintosh <sup>4</sup>	OS X 10.8.5, 10.9.x, 10.10.x, 10.11.x
Linux <sup>5</sup>	CUPS, LPD/LPRng (32 & 64 bit editions)
PostScript Universal Printer Driver	Driver for Windows <sup>9</sup> that enables you to print to any network or locally-connected Brother laser printer that supports PostScript
PCL Driver	Universal PCL5e generic driver

## Mobile/Web Based Printing & Scanning

Brother iPrint&Scan (Android)	Print from, scan to, send faxes, preview received faxes, preview copies and check the machine status from an Android device
Brother iPrint&Scan (iPad / iPhone / iPod)	Print from, scan to, send faxes, preview received faxes, preview copies and check the machine status from an iPad / iPhone / iPod Touch
Brother iPrint&Scan (Windows <sup>9</sup> Phone)	Print from and scan to a smart phone running the Windows <sup>9</sup> Phone Operating System
Brother Print&Scan (Windows <sup>8</sup> & RT)	Print from and scan to a Windows <sup>8</sup> or Windows RT Tablet
Google Cloud Print 2.0	Print most common file types from any Google Cloud Print enabled application
AirPrint	Print most common file types from any AirPrint enabled application
Mopria	Print most common file types from Mopria supported Android devices
Android Print Service Plugin	Print from Android devices without a dedicated App
Evernote™ <sup>6</sup>	Print from and scan to Evernote™ without using a PC
Box <sup>8</sup>	Print from and scan to Box without using a PC
Dropbox <sup>8</sup>	Print from and scan to Dropbox without using a PC
Google Drive™ <sup>6</sup>	Print from and scan to Google Drive™ without using a PC
OneDrive <sup>9</sup>	Print from and scan to Microsoft <sup>9</sup> OneDrive without using a PC
Picasa™ <sup>6</sup>	Print from and scan to Picasa™ without using a PC
Flickr™ <sup>6</sup>	Print from and scan to Flickr <sup>9</sup> without using a PC
Facebook™ <sup>6</sup>	Print from and scan to Facebook <sup>9</sup> without using a PC
OneNote <sup>9</sup>	Scan to Microsoft <sup>9</sup> OneNote without using a PC

## USB Host

Direct Print	Print directly from a USB flash memory drive. The supported file formats include: PDF version 1.7, JPEG, Exif-JPEG, PRN (created by own printer driver), TIFF (scanned by Brother model), XPS version 1.0
Direct Scan	Scan directly to a USB flash memory drive. The supported file formats include: PDF, PDF/A, Secure PDF, Signed PDF, JPEG, XPS, TIFF



## Scan

Scanner Type	Dual CIS (Contact Image Sensor)
Colour & Mono Scanning	Yes
Scan Speed Mono	24ipm (images per minute)
2-Sided Scan Speed Mono	48ipm (images per minute)
Scan Speed Colour	20ipm (images per minute)
2-Sided Scan Speed Colour	34ipm (images per minute)
Scan Resolution from ADF	Up to 600 x 600dpi
Scan Resolution from Scanner Glass	Up to 1,200 x 1,200dpi
Interpolated Scan Resolution	Up to 19,200 x 19,200dpi
Colour Depth	16,777,216 colour variations (24 bit)
Grey Scale	256 shades of grey (8 bit)
Standard Functions <sup>9</sup>	Scan to USB, E-mail, OCR, Image & File
Network Scanning	Scan to network folder (Windows <sup>®</sup> only), FTP, SFTP, Email Server <sup>4</sup> , SharePoint Server 2007/2010/2013 & Easy Scan to Email <sup>6</sup>
Cloud Scanning <sup>4</sup>	Scan direct to Evernote™, Box, Dropbox, Google Drive™, OneDrive, Picasa, Flickr, Facebook, Evernote™, OneNote
Scan Features	Remove Background, Skip Blank Page, ID Scan <sup>1</sup> , 1 to 2 Scan <sup>4</sup> , Auto Deskew from ADF, Split PDF
Scan To Microsoft Office <sup>8</sup>	Scan to Microsoft <sup>®</sup> Word, Microsoft <sup>®</sup> Excel & Microsoft <sup>®</sup> PowerPoint
Scan to Searchable PDF	Scan documents to searchable PDF files
Scan to SharePoint	Scan documents directly into SharePoint
Outline & Scan <sup>4</sup>	Draw around items to either scan a section or remove a section from the original document
Windows <sup>®</sup> Web Services Scanning	Scan direct into Windows <sup>®</sup> (from Windows <sup>®</sup> 7 & onwards) without needing to install a scanner driver

## Scanner Driver

Windows <sup>®</sup>	TWAIN, ISIS <sup>5</sup> & WIA Windows <sup>®</sup> 10 (32 & 64 bit editions), Windows <sup>®</sup> 8 (32 & 64 bit editions), Windows <sup>®</sup> 7 (32 & 64 bit editions), Windows Vista <sup>®</sup> (32 & 64 bit editions), Windows <sup>®</sup> XP Professional (32 & 64 bit editions) Windows <sup>®</sup> XP Home (ISIS driver not supported by Windows XP)
Macintosh <sup>4</sup>	TWAIN & ICA OS X 10.8.5, 10.9.x, 10.10.x, 10.11.x
Linux <sup>5</sup>	SANE(32 & 64 bit editions)

## Copy

Speed - (A4)	Up to 40cpm (copies per minute)
Automatic 2-Sided Copying	Yes
FCOT (First Copy Time Out)	Less than 9.2 seconds from ready mode
Resolution	Up to 1,200 x 600dpi
Multi-Copying/Stack/Sort	Makes up to 99 copies of each page / Stacks or Sorts
Enlargement/Reduction Ratio	Reduce or Increase document sizes from 25% to 400% in 1% increments
N in 1 Copying	Allows the user to compress 2 or 4 pages on to a single A4 sheet
2in1 ID Copying	Allows the user to copy both sides of an ID card to a single A4 sheet
Grey Scale	256 shades of grey (8 bit)
Receipt Copying	Produces clearer copies of receipts
Outline & Copy <sup>4</sup>	Draw around items to either copy a section or remove a section from the original document
Enlarge Text Copy <sup>4</sup>	Makes reading copied documents easier if the size of the text on the original document is small

## Address Book

Speed Dials	300 locations for E-mail addresses and fax numbers
Group Dial	A combination of up to 20 groups can be stored for broadcasting
LDAP <sup>5</sup>	The ability to connect to an external LDAP enabled address book, like Microsoft <sup>®</sup> Exchange



Fax	
Fax Modem	33,600bps (Super G3)
Internet Fax (iFax) <sup>3</sup>	Fax documents anywhere in the world over the Internet without the use of a telephone line
Fax to Server	Sends faxes to a server
PC Fax Send <sup>3A3</sup>	Send faxes directly from your PC
PC Fax Receive <sup>3A4</sup>	Receive faxes directly to your PC
Automatic Redial	Automatic redialling if the recipient fax is busy
Telephone Index	An electronic, alphabetical listing of stored speed dials and group numbers
Chain Dialling	Allows the user to store parts for long dialling sequences in different speed dial locations
Distinctive Ring Detection (UK & Denmark only)	An external service that allows two or more telephone numbers shared on a single fixed line and use different ring tones
Speaker / Ring Volume	3 levels and off
Fax / Tel Switch	Automatic recognition of fax and telephone reception
Super Fine	Enables quality transmission of very small print and line drawings
Contrast	Auto / light / dark
Enhanced Remote Activate	Transfer a fax call, answered on an extension phone, to the fax machine
Delayed Timer	Up to 50
Quick-Scan	Approximately 2.5 seconds per page A4 standard resolution
Memory Transmission	Up to 500 pages (ITU-T Test Chart, Standard Resolution, JBIG)
Out of Paper Reception	Up to 500 pages (ITU-T Test Chart, Standard Resolution, JBIG)
Dual Access	Allows the operator to perform 2 different tasks on the machine at the same time
Broadcasting	Send the same fax message to up to 350 separate locations (manual 50 locations)
Batch Transmission	Stores documents for the same location in the machines memory for transmission in a single call
Auto Reduction	When receiving a single page document longer than A4 (297mm) the fax machine will automatically reduce the message to fit onto a single A4 sheet
ECM (Error Correction Mode)	The MFC will detect line errors during fax transmission and resend the page(s) of the document that had an error (recipient machines must share this feature for it to work)
Fax Forwarding	Sends a fax received in memory to another pre-programmed fax number
Remote Access	Allows users to remotely access their machine
Fax Retrieval	Allows remote access to faxes stored in the machine
Remote Maintenance	Allows users to maintain their MFC remotely
Remote Set-Up <sup>3</sup>	Allows users to set-up the MFC from their PC
Grey Scale	256 shades (8 bit) of grey are available for faxing
Fax Preview	Preview received faxes on the screen
Fax Stamp	Add the date and time to all received faxes
Cover Page	Create custom cover pages for outgoing faxes

## Standard Paper Handling

Paper Input <sup>2</sup>	Lower Tray - 250 sheets Multi Purpose Tray - 50 sheets Automatic Document Feeder (ADF) - 50 sheets
Paper Output <sup>2</sup>	Face Down - 150 sheets Face Up (Straight Paper Path) - 1 sheet

## Optional Paper Handling

Paper Input <sup>2</sup>	250 sheet tray (LT-5500) 520 sheet tray (LT-6500) Maximum of 2 optional trays (LT-5500 & LT-6500 can be used together)
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## Media Specification

Media Types & Weights <sup>4</sup>	Standard & Optional Trays - plain, recycled, coloured and letterhead paper (between 60 - 120g/m <sup>2</sup> ) Multi Purpose Tray - plain, recycled, bond, coloured and letterhead paper (between 60 - 200g/m <sup>2</sup> ) Automatic Document Feeder (ADF) - plain & recycled paper (between 64 - 90g/m <sup>2</sup> ) 2-sided Print - plain, recycled, coloured and letterhead paper (between 60 - 105g/m <sup>2</sup> )
Envelope & Label Printing	Yes, from the Multi Purpose Tray: support for 10 envelopes up to 10mm total thickness
Media Sizes	Standard Tray - A4, Letter, A5, A5 (Long Edge), A6, Executive, Legal, Folio, Mexico Legal, India Legal Optional Tray - A4, Letter, A5, Executive, Legal, Folio, Mexico Legal, India Legal Multi Purpose (MP) Tray - Width: 76.2mm to 215.9mm x Length: 127mm to 355.6mm Automatic Document Feeder (ADF) - Width: 105mm to 215.9mm x Length: 147.3mm to 355.6mm 2-sided Print - A4

## Supplies

Inbox Toner	8,000 pages <sup>1</sup>
Standard Yield Toner	3,000 pages <sup>1</sup> (TN-3417)
High Yield Toner	8,000 pages <sup>1</sup> (TN-3437)
Super High Yield Toner	12,000 pages <sup>1</sup> (TN-3467)
Drum (DR-3405)	Approx. 50,000 pages at 3 pages per job
Carton Contents	Toner cartridge, drum, power supply cord, fax line cord, driver software for Windows Quick Set-Up Guide (PC interface cable NOT included)

The frequency of replacement consumables will vary depending on the complexity of the prints, the percentage of coverage, paper size, page per job, and the type of media.

## Dimensions & Weights

With Carton (WxDxH)	545 x 520 x 641mm 20.2kg
Without Carton (WxDxH)	435 x 427 x 486mm 16.5kg

## Duty Cycles

Recommended Monthly	Up to 3,500 pages monthly print volume
Maximum Monthly <sup>7</sup>	Up to 50,000 pages monthly print volume



## Network & Security

<b>Wired Network</b>	Built in Ethernet 10Base-T/100Base-TX
<b>Wireless Network</b>	IEEE 802.11b/g/n (Infrastructure Mode / Adhoc Mode)
<b>Wi-Fi Direct™</b>	Print wirelessly without having to go through a wireless access point (both automatic and manual methods supported)
<b>Wireless Set-Up Support</b>	Wi-Fi Protected Setup (WPS)
<b>Wireless Applications</b>	Vertical Pairing
<b>Network Protocols</b>	TCP/IP (IPv4 and IPv6)
<b>IPv4</b>	<p>ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, POP3*, SMTP Client, IPP/PPS, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMP, Web Services (Print/Scan), SNTIP Client, LDAP, IMAP4*</p> <p>*When Internet FAX/Scan to e-mail server has been downloaded.</p>
<b>IPv6 (Off by Default)</b>	<p>NDP, RA, DNS resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/PPS, POP3*, SMTP Client, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c, HTTP/HTTPS server, TFTP client and server, ICMPv6, SNTIP Client, LDAP, Web Services (Print/Scan), IMAP4*</p> <p>*When Internet FAX/Scan to e-mail server has been downloaded.</p>
<b>Wired Network Security</b>	<p>APOP*, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP3*, IMAP4*), SNMP v3 802.1x (EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos, IPSec</p> <p>*When Internet FAX/Scan to e-mail server has been downloaded.</p>
<b>Wireless Network Security</b>	<p>WEP 64/128 bit, WPA-PSK, (TKIP/AES), WPA2-PSK (AES), APOP*, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP3*, IMAP4*), SNMP v3, Kerberos, IPSec, 802.1x (LEAP, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS)</p> <p>*When Internet FAX/Scan to e-mail server has been downloaded.</p>
<b>Print Log to Network*</b>	Records printing activities from each individual user, including network username, name of document printed and number of pages, to a file on a network
<b>E-mail Notifications</b>	Automatically have the device send e-mail alerts when it requires attention, such as when the toner is low or needs replacing

<b>E-mail Reports</b>	Receive usage reports on a regular basis via e-mail
<b>IP Filter</b>	Restrict which network users can or cannot access the device over the network (IPv4 only)
<b>Secure Function Lock 3.0</b>	Restrict activity to individual or groups of users over a network. Can be used with PC User Login Name for up to 200 users
<b>Active Directory Authentication</b>	Retrieve stored print jobs & control access to the devices functionality by using credentials from Active Directory
<b>LDAP Authentication</b>	Retrieve stored print jobs & control access to the devices functionality using credentials from an LDAP supported database
<b>Setting Lock</b>	Secures access to the devices control panel by locking it
<b>Secure Print*</b>	Protect print jobs with a 4 digit release code required at the device in order for them to be printed

## Fleet Management Tools

<b>Unattended Installer*</b>	Ability to centrally deploy and customise our drivers and software
<b>MSI Installer*</b>	Modular installers that can be distributed through Active Directory*
<b>Embedded Web Server</b>	Web based print management software embedded onto the device
<b>BRAdmin Professional 3**</b>	LAN/WAN management software
<b>Driver Deployment Wizard*</b>	Easily create print drivers for hassle free deployment over your network

## Environment

<b>Power Consumption</b>	Copying - 645W (390W in quiet mode), ready - 34W, sleep - 8W, deep sleep - 1.6W, off - 0.04W
<b>TEC Value</b>	1.873kWh / Week
<b>Sound Pressure Level</b>	Copying - 54dbA, quiet mode printing - 52dbA, ready - up to 35dbA
<b>Sound Power Level</b>	Copying - 6.67BA, quiet mode printing - 6.47BA, ready - up to 4.8BA
<b>Power Saving</b>	This enables the printer to consume less energy when not in use
<b>Toner Saving</b>	This reduces the toner usage and helps to reduce the total cost of printer ownership
<b>Energy Star</b>	Yes
<b>Blue Angel</b>	Yes

