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The scalable e-STUDIO28 is a powerful digital copier that can exponentially increase your office productivity with optional network printing, faxing, and scanning capabilities, in a single multifunction device. Toshiba's expandable open architecture and modular add-on features allow you to create a customized document imaging system and network-connected solution designed to grow with your business.

Integrated Network-Connected Office Solution

The versatile e-STUDIO28 is perfect for space-limited, small business and workgroup environments that require a shared, network-compatible document processing system. Toshiba's reliable e-STUDIO28 integrates superior digital image quality, flexible multifunction features, and custom finishing capabilities into a sophisticated, easy-to-use office solution.

What's in a Name

The letter 'e' has become synonymous with technology, the Internet and a new way of doing business. Similar to the @ sign, this letter has reached "Critical Mass." 'e' is for electronic—for evolution, for excellence; words that describe the corporate vision of Toshiba and the avenue of electronic print devices.

'Studio,' while often relating to that of an artist, is in fact a place where work is done—artistically and otherwise. Whether it is a movie studio, an artist's studio or study, an office or a shop, it is the epicenter of business.

So, like an artist with a brush, a business person with a mouse—you too can create magic with the sweep of a hand, or the click of a button, from the advanced technology line of Toshiba's e-STUDIO copiers, faxes and printers.

e

▪ COPIER FUNCTIONS

Copy Process	Indirect Electrostatic Photographic Method
Type	Desktop
Print Resolution	2,400 x 600 dpi
Scan Resolution	600 x 600 dpi
Original Platen Type	Fixed Hard Platen (Option)
Available Original/Copy Paper Size	Statement-R (5.5" x 8.5") to Ledger (11" x 17")
Paper Supply	2 x 550-Sheet Cassettes/100-Sheet Stack Feed "Smart" Bypass
Available Copy Paper Weight	Cassette: 17-22 Lbs.(45 Lbs. Index)
	Bypass: Single Sheet 14-55 Lbs.(110 Lbs. Index)
Copy Speed	28 CPM
Original Scan Speed	45 SPM
Paper Exit	Face-down/Inner Exit (Central Output Tray)
Page Memory/Hard Disk Drive	32 MB/10 GB
Multiple Copying	1-999 Copies
Reproduction Ratio	Zoom: 25-400% in 1% Increments/Decrements
Warm-up Time	Approximately 30 Seconds
	with Induction Heating (IH) Fuser Technology
First Copy Time	Approximately 3.9 Seconds
Monthly Copy Volume	90,000 Copies per Month
Exposure Control	Automatic/Manual (11 Steps)
Copy Density Control	Automatic Toner Density Method
Counter	Electronic 7-Digit Counter
	Key Counter MU-8, MU-10 (Option)
Power Supply & Consumption	Maximum 1.5 kW (220-240V)
Dimensions (W x D x H)	26" x 27.8" x 40"
Weight	Approximately 161 Lbs.

ADU (Automatic Duplexing Unit)

Stack Capacity	Stackless
Available Original Size	Statement-R (5.5" x 8.5") to Ledger (11" x 17")
Paper Weight	17-22 Lbs. (45 Lbs. Index)

Special Features

Basic Features
• Interrupt • Energy Saver • Dual Page • Image Shift • Department Code (50) • AMS/APS • Job Memory (4 Kinds) • Auto Job Start • Automatic Cassette Change • Weekly Timer • Auto Trayless Duplex • Cover Sheet • Document Storage • Job Reservation
Digital Features
• X-Y Zoom • Negative/Positive Reversal • Mirror Image • Edge Erase
Memory Copy Features
• Annotation • Page Number • Electronic Sorting • Alternation • Magazine Sort • 2-in-1, 4-in-1, 8-in-1 Duplex

▪ FAX BOARD GD-1080 (OPTION)

Usable Circuits	Public Switched Telephone Network (PSTN)
Communication Mode	Super G3
Number of Lines	1 Line (2nd Line Optional)
Modem Speed	Super G3 (Maximum 33.6 Kbps)
Data Compression	JBIG, MMR, MR, MH
Transmission Speed	Approximately 3 Seconds Per Page
Fax Memory	120 MB Transmission: 240 MB Reception: 10 GB HDD Back-Up
Page Memory	200 Pages/File
Memory Transmission	100 Jobs: 1,000 Destinations Maximum
Scan Speed	0.7 Seconds Per Page (Letter)
Print Speed	28 PPM
Gray Scale	256 Levels (Error Diffusion)
Resolution	Direct/Memory Transmission:
	Standard Mode: 203 Pels/In. x 98 Lines/In.
	Fine Mode: 203 Pels/In. x 196 Lines/In.
	ITU Ultra Fine Mode: 406 Pels/In. x 392 Lines/In.

Major FAX Features
• Broadcasting • Telephone Book (400 Destinations) • Delayed Transmission • Group Dialing (50 Groups, 400 Destinations Per Group) • Polling • Mailbox (ITU-F-Code) • Substitute Reception • Automatic Redialing • Recovery Transmission • Chain Dialing • Smart Batch
Facsimile Options
GD-1090   Optional 2nd PSTN Line

▪ PRINTER BOARD GA-1040 (OPTION)

Processor	Intel® Celeron™ 366 MHz
Memory (RAM)	Standard 64 MB/Maximum 192 MB
Hard Disk Drive	6 GB (Option)
Print Engine Resolution	2,400 x 600 dpi (with Smoothing)
Print Speed	28 PPM
Drivers	Windows® 95, 98, 2000, Me, Windows® NT 4.0,
	Macintosh® 8.6 & Later (with PPD, Requires Optional
	Adobe® Postscript™ 3)
Interface	Parallel (IEEE1284), 10BaseT/100BaseT
Network OS	Windows® NT, NetWare®, EtherTalk®
Protocols	TCP/IP, IPX/SPX, EtherTalk®, IPP, SNMP, HTTP, LPR/LPD
Printer Language	PCL6®, Adobe® PostScript™ 3 (Option)

Major Print Features
• Proof Print • Private Print • Stored Job Print • Duplex Printing • Watermark Printing • N-up Printing • Hole Punch • Mixed-Size Printing • Cascade Printing • Magazine Sort • Cover Page • WebTools™ (Option)—WebInstaller™, WebLink™, WebSpooler™, WebDownloader™ • DocBuilder™ Pro (Option) • FreeForm™ (Option) • Command WorkStation™ (Option)
Network Management Utility
• TopAccess™ • Fiery® WebTools™

GA-1040 Printer Board Options

KR-7047	128 MB Print Memory
GE-1020	Adobe® PostScript™ 3
GE-1030	Adobe® PostScript™ 3 with 6 GB HDD
GB-1070	Fiery® Command WorkStation™
GB-1080	Fiery® FreeForm™
GB-1090	Fiery® DocBuilder™ Pro

▪ DOCUMENT CONTROLLER GL-1010 (OPTION)

Processor	Intel® Celeron™ 433 MHz
Memory (RAM)	Standard 128 MB/Maximum 256 MB
CD-ROM Drive	Standard
Hard Disk Drive	10+ GB
Print Engine Resolution	2,400 x 600 dpi (with Smoothing)
Printing Speed	28 PPM
Drivers	Windows® 95, 98, 2000, Me, Windows® NT 4.0,
	Macintosh® 8.6 or Later (with LaserWriter™ PPD)
	UNIX (HP-UX, Sun® Solaris 2.5x, 2.6, or 7.0)
Interface	10BaseT/100BaseT, Token Ring (Option)
Network OS	Windows® NT, NetWare®, EtherTalk®, UNIX, AS/400
Protocols	IPX/SPX, TCP/IP, NetBEUI/NetBIOS, EtherTalk®, LPR/LPD, IPP,
	SNMP, HTTP, LDAP
Printer Language	PCL6®, PostScript® 3™

Major Print Features
• Proof Print • Private Print • Duplex Printing • Watermark Printing • N-up Printing • Mixed-Size Printing • Alternation • Magazine Sort • Cover Page • Scheduled Print • Overlay • Hole punch • Sheet Insertion • Event Notification
Network Management Utility
• TopAccess • TopAccessComposer • GL DocMon • HP OpenView

Scan/Internet Fax Kit

Scan Resolution	600, 400, 300, 200, 150 dpi
Scan Speed	45 SPM

Major Scan Features
• Scan-to-Email • Scan-to-File • Scan-to-TWAIN • Internet Fax (T.37) • Email-to-Print (Including Internet Fax reception)

GL-1010 Document Controller Options

KR-7047	128 MB Print Memory
GB-1040	Network Fax Software
GB-1060	Scan/Internet Fax Kit to Enable Scan-to-File,
	Scan-to-Email, Internet Fax
SC-2TKNRNGNIC	Token Ring Network Interface Card (NIC)

▪ OTHER OPTIONS

Reversing Automatic Document Feeder (RADF) MR-3012

Original Feed Speed	45 Sheets Per Minute (Letter)
Original Capacity	100 Sheets (Letter to Ledger)
Original Setting	Face-up
Available Original Size & Weight	Letter to Ledger: Simplex (13-33 Lbs.), Duplex (13-28 Lbs.);
	Automatically Refeeds Two-Sided Originals for One-Sided
	Copying or Two-Sided Copying.

Large Capacity Feeder KD-1010

Paper Supply	2,500-Sheet
Available Original Size & Weight	Letter: 17-22 Lbs. (45 Lbs. Index)

Paper Feed Pedestal KD-1009

Paper Supply	550-Sheet Cassette
Available Original Size & Weight	Statement-R-to-Ledger: 17-22 Lbs. (45 Lbs. Index),
	Able to be Upgraded with Second 550-Sheet Cassette:
	Statement-R-to-Ledger: 17-22 Lbs. (45 Lbs. Index)

Paper Feed Unit MY-1017

Paper Supply	550-Sheet Cassette
Available Original Size & Weight	Statement-R-to-Ledger: 17-22 Lbs. (45 Lbs. Index)

Finisher MJ-1011 (Single Position)

Trays	2
Paper Size & Capacity	Statement-R-to-Ledger. Tray 1 Stack Capacity: 200 Sheets (LT);
	Tray 2 Stack Capacity: 700 Sheets (LT)
Staple Position	Rear
Staple Capacity	30 Sheets (LT/LT-R), 20 Sheets (LG), 15 Sheets (LD)

Finisher MJ-1012 (Multi-Position)

Trays	2
Paper Size & Capacity	Statement-R-to-Ledger. Tray 1 Stack Capacity:
	1,000 Sheets (LT); Tray 2 Stack Capacity: 1,000 Sheets (LT)
Staple Position	Multi-Position (4 kinds)
Staple Capacity	50 Sheets (LT), 30 sheets (LD, LG, LT-R)

Finisher MJ-1013 (Multi-Position)

Trays	2
Paper Size & Capacity	Statement-R-to-Ledger. Tray 1 Stack Capacity:
	1,000 Sheets (LT); Tray 2 Stack Capacity: 1,000 Sheets (LT)
Staple Position	Multi-Position (4 Kinds), Saddle-Stitch
Staple Capacity	50 Sheets (LT), 30 Sheets (LD, LG, LT-R)
Saddle-Stitch	Staple Capacity: 15 Sheets, Center Folding

Hole Punch Unit MJ-6001	2 or 3 Hole Punch Capacity (Must be Configured with One of the Two Multi-Position Finishers)
Platen Cover KA-1600 PC	Protective Cover for Glass Platen
Work Tray KK-3500	Work Tray

▪ TOSHIBA ORIGINAL SUPPLIES

PM Cycle	93,000
Drum Type/Yield	Organic Photoconductor/93,000
Black Toner Yield	13,500*
Black Developer Yield	93,000

* Toner yield published are estimates, based on 6% coverage, letter-sized original, copy mode.

It is recommended that only supplies made or designated by TOSHIBA be used for this machine in order to get optimum results.

Designs and specifications subject to change without notice. For best results and reliable performance, always use supplies manufactured by Toshiba.

Not all options and accessories may be available at the time of product launch.

e-STUDIO28

Digital Copier ▪ Network Printer ▪ Fax ▪ LAN Fax ▪ Network Scanner
Internet Fax ▪ Internet Print ▪ Scan-to-Email

TOSHIBA
Don't copy. Lead.

Increased Document Capacity and Productivity

The e-STUDIO28 improves document capacity and productivity with substantial **32 MB Memory** and a standard **10 GB Hard Disk Drive**. A flexible **Document Storage** feature lets you permanently store important documents such as manuals, business forms, and company letterhead in up to 24 permanent locations that can each accommodate up to 400 pages.*
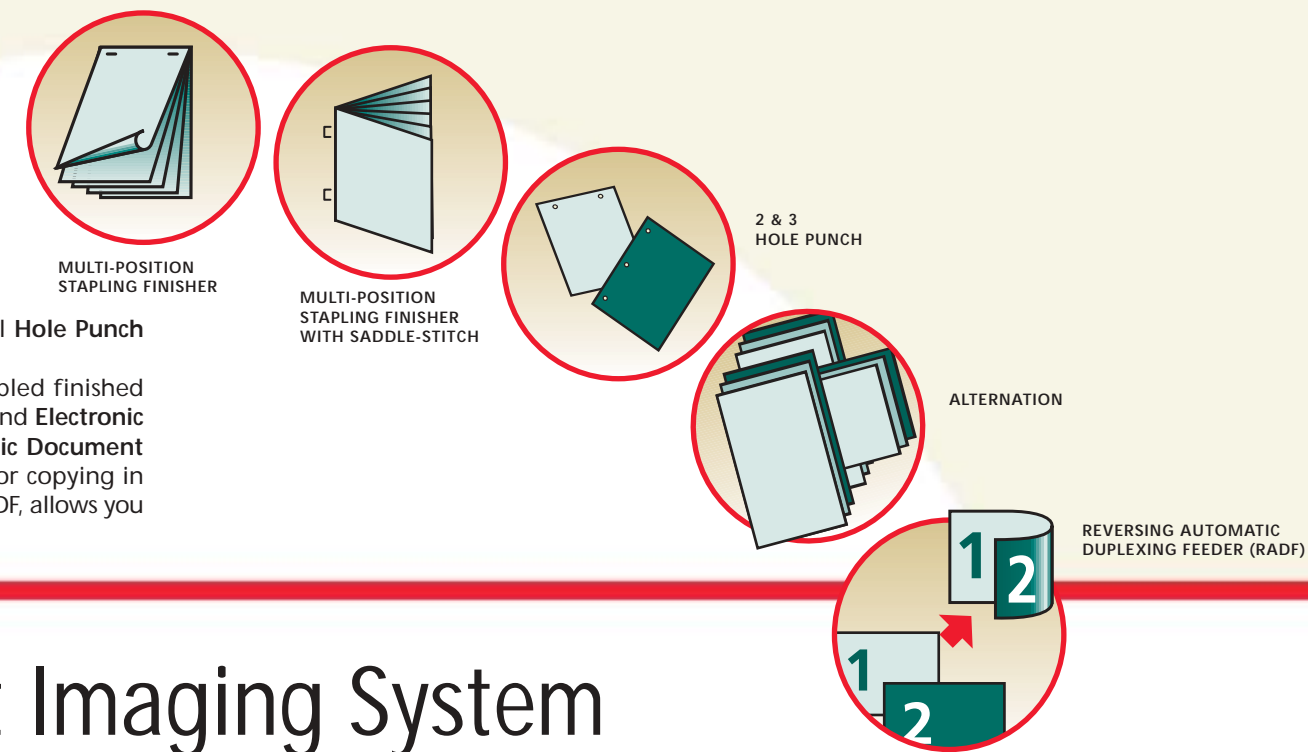
Standard **2-in-1**, **4-in-1**, **8-in-1 Copy Modes** give you the ability to copy from 2 to 8 letter sized originals onto a single sheet of paper. A helpful **Magazine Sort** feature (Booklet Making Mode) allows you to copy multiple page documents and scale and order pages for folding into a booklet signature. The e-STUDIO28 also features **Rotated Output**, a **Central Output Tray**, **Job Reservation**, **Page Numbering**, and **Job Build** that can scan up to 400 originals (200 sheets) through the document feeder.

A Powerful Document Processing Device

The e-STUDIO28 accommodates a **Total Paper Capacity up to 3,700 Sheets** by combining **2 Standard 550-Sheet Paper Cassettes** and a choice of either a **550-Sheet Pedestal** plus an optional **550-Sheet Cassette**, or a **2,500-Sheet Large Capacity Feeder**. A standard **100-Sheet Stack Feed "Smart" Bypass** feature easily adapts to different document sizes and variations in paper size and thickness.

Three convenient document finisher options are available including an economical **One Position Stapling Finisher**, a **Multi-Position Stapling Finisher**, and a **Multi-Position Stapling Finisher** with a **Saddle-Stitch Tray**. An optional **Hole Punch** feature automatically provides either 2 or 3 hole punch capabilities.

The efficient e-STUDIO28 comes with standard **Alternation** that sorts unstapled finished sets in crosswise and lengthwise directions, a **Scan Once Copy Many** feature, and **Electronic Sorting** that quickly collates printed copies. An optional **Reversing Automatic Document Feeder (RADF)** can be added that automatically inverts a two-sided original for copying in duplex formats. A standard **Trayless Duplex Unit**, combined with the optional RADF, allows you to create unlimited duplexed **Statement-to-Ledger** sized copies.

MULTI-POSITION STAPLING FINISHER

MULTI-POSITION STAPLING FINISHER WITH SADDLE-STITCH

2 & 3 HOLE PUNCH

ALTERNATION

REVERSING AUTOMATIC DUPLEXING FEEDER (RADF)

The Versatile Toshiba e-STUDIO28 Is an Expandable Digital Document Imaging System

High Quality Digital Imaging Performance

FIRST COPY OUT TIME 3.9 SECONDS

The e-STUDIO28 offers superior digital image output quality at **28 Pages Per Minute** at amazing **2,400 x 600 dpi Resolution** with **Smoothing Technology**. A **256-Level Error Diffusion Gray Scale** provides exceptional photo and graphic reproduction and combines with **Text**, **Photo**, or **Text/Photo** scan modes to ensure crisp, clear copies every time. **Real Time Dynamic Range Correction (RTDRC)** adjusts the density to match the original during the scanning pass. This guarantees higher copier quality by eliminating background density and darkening light characters.

The reliable e-STUDIO28 easily handles the copy volume of most small businesses and office workgroups with a rated volume up to **90,000 Copies Per Month**, a **First Copy Out Time of 3.9 Seconds**, and a fast **30 Second Warm-up Time**. Toshiba's patented **Induction Heating (IH) Fuser Technology** increases productivity by shortening the warm-up time while dramatically reducing energy consumption.

Advanced Walk-up, Network and Internet Fax Functions

The economical e-STUDIO28 boosts office fax productivity with optional **Walk-up Fax**, **Network Fax**, and **Internet Fax** functions. The optional **Fax Board** incorporates a fast **33.6 Kbps Modem** and **Super G3 JBIG** compression for faster transmission speeds and superior image quality. An optional **Second Line NCU** effectively doubles the system's fax capabilities.

In combination with the GL-1010 document controller, the e-STUDIO28 offers optional **Network Fax Capabilities** that allow you to send faxes via any PC on the network using the copier's fax option. Additionally, the optional **Internet Fax/Scan Kit** saves money on long distance charges by giving you the ability to fax documents directly over the Internet.

The e-STUDIO28's functionally designed **Touch Screen Control Panel** provides user-friendly, one-touch system controls in easy-to-understand text and graphics. Touch screen icons allow you to input new destinations, access up to **400 Phone Book Entries**, set the **Scan Resolution**, and review your fax status. **One-Touch Dialing** provides instant access to multiple fax locations and fax broadcast capabilities. A full array of other fax features include **Delayed Transmission**, **Fax Polling**, **Fax Broadcast Transmission**, and **Chain Dial Communications**.

BASIC MODEL

WARM-UP TIME 30-SECONDS

FULLY CONFIGURED

Two Network Print Controller Options

The e-STUDIO28 offers both parallel and network printing capabilities with the optional **GA-1040 Embedded Fiery® Controller**. The GA-1040 network solution supports Novell®, Windows®, and Macintosh® networks, and protocols including IPX/SPX, TCP/IP, LPR/LPD, IPP, and EtherTalk®.

The GA-1040 controller offers standard **PCL6™** and optional **Adobe® PostScript™ 3** page description languages along with **Web-Based Administration** via **TopAccess** that can remotely access system status, counters, and job logs. Additional print features include **Proof** and **Private Print** functions, **Stored Job Printing**, and an optional **6 GB HDD** for advanced printing capacity.

The fully featured Toshiba designed and manufactured **GL-1010 Document Controller** provides a multi-function array of **Network Printing**, **Network Faxing**, **Internet Faxing**, **Scanning**, and **Scan-to-Email** capabilities. The GL-1010 document controller offers **Proof**, **Private**, and **Scheduled Print** features, **Print to Image Overlay File** functions, and helpful **Administrative Control** features.

Toshiba's powerful document controller solution provides cross-platform support for Windows®, Novell®, UNIX®, AS/400, and Macintosh® operating systems over a wide variety of network protocols, including TCP/IP, IPX/SPX, LPR/LPD, IPP, and EtherTalk®.

Optional Network Scanning Features

The multifunction e-STUDIO28 gives you the power to quickly scan paper documents at 45 PPM and place them directly onto the network. It functions as a high-volume **TWAIN-Compliant Network Scanner** when you combine the optional **GL-1010 Document Controller** and optional **Scan/Internet Fax Kit**.

The **Scan-to-File** feature converts and stores documents as PDF or TIFF files for file sharing with other network PC users. You can scan and store frequently used documents, letterheads or forms as formatted digital "templates" to reduce document inventories and reprinting costs. The easy-to-use Touch Screen Control Panel also lets you scan a document, type an email address and send it to a recipient's email inbox, or print to another fax with Internet Fax capabilities.

Designed With Toshiba Reliability

The e-STUDIO28 incorporates an advanced **Vertical Paper Path** that improves copier reliability by creating a shorter path that minimizes paper jams. Replaceable **Service Modules** simplify periodic copier maintenance and a replaceable **Toner Cartridge** makes user access and serviceability easier than ever. All these features add up to a dependable **93,000 Copy Preventative Maintenance Cycle** which significantly reduces regular service intervals and copier downtime. The economical e-STUDIO28 also uses common Toshiba accessories and supplies which eliminates the need to buy and store separate toner, developer, and other specialized copier, fax, and printer products.

The Versatile e-STUDIO28 Office Solution

Toshiba's versatile e-STUDIO28 combines all the multifunction document processing flexibility of a digital copier, fax, scanner, and network printer, in one economical device. Discover the power and performance of the e-STUDIO28 office productivity solution, available only at your local Authorized Toshiba Dealer.

*Total document storage capacity is determined by the size of the documents.

Copier Features:
• 28 PPM Digital Multifunction Device
• First Copy Out Time of 3.9 Seconds
• Document Storage (24 Locations)
• Job Build
• Job Reservation (Scan Ahead)
• Scan Once Copy Many
• Electronic Sort
• Page Numbering/Annotation*
• Rotated Output
• 2-in-1, 4-in-1, 8-in-1 Copy Mode
• Magazine Sort (Booklet Making Mode)
• X-Y Zoom
• Reduction & Enlargement (25% to 400%)
• 32 MB Image Memory; 10 GB Hard Disk Drive
• Service Modules
• Statement-to-Ledger Size Capacity
• Touch Screen Control Panel
• Standard Trayless Duplex Unit
• Standard 550-Sheet Paper Cassettes x 2
• 3,700-Sheet Total Paper Capacity
• 90,000 Monthly Copy Volume

Print Features (2 Controller Options):

GA-1040 Embedded Fiery® Controller:
• 366 MHz Processor; 64 MB Memory (192 MB Maximum)
• Standard PCL6™ Page Description Language/ Optional Adobe® Postscript™ 3
• Supports Novell® NetWare® 3.x, 4.x, 5.x, Windows® 95, 98, 2000, Me, Windows® NT 4.0, EtherTalk® Network Operating Systems
• Supports Windows® 95, 98, 2000, Me, Windows® NT 4.0, Macintosh® OS 8.6 or Later (with PPD) Client Operating Systems
• Standard 10/100BaseT Network Interface
• Proof Print, Private Print & Stored Job Printing
• Optional 6 GB Hard Disk Drive

GL-1010 Document Controller:
• 433 MHz Processor; 10 GB Hard Disk Drive, 128 MB Memory (256 MB Maximum)
• Standard PCL6™/Postscript™ 3 Page Description Language
• Supports Novell® NetWare® 3.x, 4.x, 5.x, Windows® 95, 98, 2000, Me, Windows® NT 4.0, EtherTalk® Network Operating Systems, UNIX®, AS/400 Network Operating Systems
• Supports Windows® 95, 98, 2000, Me, Windows® NT 4.0, Macintosh® OS 8.6 or Later (with PPD), UNIX® Client Operating Systems
• Standard 10/100BaseT Network Interface; Optional Token Ring Interface
• Proof Print, Private Print, Scheduled Print

Facsimile Features:
• Super G3 33.6 Kbps Modem; JBIG Compression
• Walk-up Fax Functionality
• Optional 2nd Line NCU
• Network Fax & Internet Fax (T.37) (with GL-1010)
• 400 Phone Book Entries
• Group Dialing (Storage of up to 50 Groups)
• Delayed Fax Transmission & Fax Broadcast Transmission
• Fax Polling & Chain Dialing
• Concurrent Reception & Transmission Capability

Scanning Features (with GL-1010):
• Network Scanning
• 600 x 600 dpi Scanner with 256 Gradations
• TWAIN Compatible Scanning
• Scan-to-File/Scan-to-Email
• File Naming Ability from Touch Screen Control Panel

Optional Features:
• 100-Sheet Reversing Automatic Document Feeder (RADF)
• 550-Sheet Paper Feed Pedestal
• 550-Sheet Paper Cassette for PFP
• 2,500-Sheet Large Capacity Feeder
• Single Position Stapling Finisher
• Multi-Position Stapling Finisher
• Multi-Position Stapling Finisher with Saddle-Stitch Tray
• Hole Punch