

Line
Matrix
Printers



GENICOM 4800 Series



Nothing works harder than a GENICOM line matrix printer. Around the world, hour after hour, day after day, year after year.

Works Hard. Works Fast.

- Industry-leading print technology.
- Legendary nonstop reliability.
- The industry's only shuttle mechanism and striker bar lifetime warranty.
- High-speed performance at 400 and 800 lines per minute.

Reduces Your Workload.

- "Hot port" switching for multiple hosts and multiple communications.
- Fast, dependable paper handling with top demand exit or rear exit.
- Paper out, paper jam, and ribbon sensors for virtually fail-safe, unattended printing.

Protects Your Budget.

- Low cost of ownership.
- Long-life ribbon system, maintenance-free operation, user-replaceable print modules.

Fits Your Needs.

- IBM®-compatible models: twinax/coax SCS and IPDS.
- SmartGraphics (IGP®/QMS®) models.
- Zero-tear models.
- Choices of appropriate cabinet.
- Popular connectivity capabilities: RS232 serial, CENTRONICS® parallel, Ethernet, Token Ring, current loop.

Typical Applications

- High-volume data processing
- Industrial graphics, bar codes, labels
- Multipart forms requirements
- Manufacturing pick lists and shipping documents
- Inventory/MRP reports
- Orders and invoices
- Mail labels
- Remote network printing
- Demand document applications

GENICOM
Shared Multifaceted Solutions

GENICOM 4800 Series

Line Matrix Printers

Printing Technology

Line impact dot matrix

Print Speeds

	4810e/10i	4840e/40i
Draft (64 char)	400 lpm	800 lpm
(96 char)	342 lpm	685 lpm
DP (64 char)	300 lpm	600 lpm
(96 char)	240 lpm	480 lpm
Corr. (64 char)	160 lpm	320 lpm
(96 char)	126 lpm	253 lpm
NLQ (64 char)	83 lpm	166 lpm
(96 char)	65 lpm	130 lpm

Fonts and Character Sets

Draft, data processing, correspondence, Gothic NLQ, Courier NLQ, Italic NLQ, OCR-A, OCR-B, PC graphics, Greek/Math symbols, country substitution 7-bit character sets, and international ISO and MS 8-bit character sets

Printing

Character Spacing: 10, 12, 13.3, 15, 16.7, 20 cpi and proportional
Line Spacing: 3, 4, 6, 8 lpi and N/144 in.
Attributes: Oversize, bold, underline, super/subscript, proportional, expanded, and download characters

Print Control

EVFU (12 and 14 channels)
Forms: Form length to 22 inches
 Store up to 10 user-defined forms
 Auto perf skip-over feature
Horizontal Tabs: 22 positions
Vertical Tabs: Absolute or relative

Ribbons

50 and 75 million character cartridges with internal reinkers
 "Clean hands" installation

Paper Handling

Widths: 3 to 16.54 in. (7.6 to 42 cm)
Print Line Length: 13.2 in. (33.5 cm)
Number of Copies: Original plus 5; up to 120-lb cardstock/110 index (125 tag)

Emulations

ANSI X3.64 enhanced, Printronix®, Dataproducts® (EVFU compatible), Proprinter® III XL, Epson® FX-286e

SmartGraphics Models Available

QMS Magnum Code V, Versions I & II; Printronix IGP 100/200/400

Interfaces and Connectivity

CENTRONICS parallel and EIA/TIA-232 (RS-232) serial to 38.4K baud; auto interface switching
Options: Dataproducts short line and long line; IBM coax/twinax; TCP/IP, Novell®, EtherTalk, RS-422

Graphics and Bar Codes

Horizontal: 60, 70, 120, 140, or 240 dpi
Vertical: 72 or 144 dpi
Plot Speed:
 4810e/10i: Up to 50 ipm
 4840e/40i: Up to 100 ipm
Formats: Printronix P300/600, ANSI X3.64, line draw and block PC graphics, dot-addressable graphics
Bar Codes: Interleaved 2 of 5, Bidirectional 2 of 5, Matrix 2 of 5, Industrial 2 of 5, Code 3 of 9, EAN-8/13, Code 11, Code BCD, Codabar A/B/C/D, UPC-A/E, Code 93, Code 128 (A-B-C), Royal Mail, POSTNET

Physical

Size (HxWxD):
 4810e/40e: 42 x 26.5 x 25 in. (1077 x 679 x 635 mm)
 4810i/40i: 42 x 27 x 29 in. (1077 x 686 x 737 mm)
Weight:
 4810e/40e: 175 lbs (79.3 kg) unboxed
 220 lbs (99.7 kg) boxed
 4810i/40i: 295 lbs (133.8 kg) unboxed
 340 lbs (154.2 kg) boxed

Sensors

Paper out, paper jam, ribbon jam, print gap

Operating Environment

Temperature: 39 to 104° F (4 to 40° C)
Humidity: 15 to 90% noncondensing
Acoustics:
 4810e/40e: 55 dBA
 4810i/40i: 50 dBA
Voltage: 120VAC and 240VAC, ±15%; auto range seeking
 4840 meets US EPA Energy Star program for power-saving requirements

Reliability

MTBF: 8,000 hours @ 25% duty cycle

Warranty

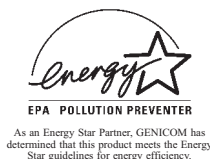
On-site parts and labor for 90 days, plus an additional 9 months for parts. Lifetime warranty on shuttle mechanism and striker bar.

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The design of this equipment is protected by one or more of the following U.S. patents and their international equivalents:
 Patent Nos. 4,637,307;
 4,683,818; 4,706,561;
 5,146,849; 5,209,586

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