

Datamax-O'Neil® H-4212 / H-4310

Direct Thermal/Thermal Transfer Label Printer



Specifications

Print Speed:

H-4310(x): 2 in to 10 in per second
H-4212(x): 2 in to 12 in per second (50.8 to 304.8 mm)
in 0.5 in (0.01 mm)
programmable increments

Resolution:

H-4212x-200 dpi
H-4310x-300 dpi

Maximum Print Width/Length:

Width: 4.10 in (H-4212x) 4.16 in (H-4310x);
Length: 0.25 in to 99 in (6 mm to 2475 mm) 0.75 in
(19 mm) minimum print length with optional present
sensor

Media Width:

1 in to 4.65 in (25 mm to 118 mm)

Supply Roll:

8 in (203 mm) maximum diameter on 3 in (76 mm) core
Fan-fold stock accepted from rear and bottom of
printer

Ribbons:

Industry standard ribbon widths; 1 in (25 mm) ribbon
core, 1,968 ft (600 m) in length

MCL:

Macro Command Language allows printer to control
the printing application

Dimensions:

H-4212 (H x W x D): 13.0 x 12.6 x 18.9 in
H-4310 (H x W x D): 16.37 x 12.51 x 18.83 in
RFID printers (contact Rice Lake)
CABINET: Metal construction, clear side window

Bar Codes:

Code 3 of 9, Interleaved 2 of 5, Code 128,
Codabar, UPC-A, UPC-E, UPC 2 and 5 digit
addendums, EAN-8, EAN-13, EAN 2 and 5 digit
addendums, Code 93, Plessey, UCC/EAN
Code 128, Postnet, PDF 417, UPS MaxiCode,
Datamatrix, FIM, Telepen, HIBC, Aztec, TLC39,
QR Code, PDF417, USD-8, Micro PDF41, 7,
RSS, USPS-4

Graphics Support:

.PCX, .BMP and .IMG files

Memory:

8 MB flash memory; 16 MB DRAM memory

Interfaces:

Centronics® parallel port (IEEE 1284 compliant),
RS232/422 at 2400 BPS to 38400 BPS, Ethernet, USB

Power Source:

Auto-sensing 115, 230 VAC 50/60 Hz; specify ap-
propriate power cord when ordering

Operating Temperature:

32° F to 100° F (0° C to 38° C)

Approvals:

UL listed, CSA certified, CE marked, FCC Class A emis-
sions standard, TUV-GS safety standards, RoHS and
WEE compliant

Weight:

47 lb

Warranty:

One-year limited warranty on parts
One-year or 1 million linear inches
on original print head
90 days on replacement print head.

Standard Features

- Peel and present
- Thermal transfer
- Nine bitmapped fonts
- Scalable engine
- Revolving media hub
- Media window
- 16 MB RAM (optional)
- 8 MB flash ROM
- Options easily field installed
- Datamax-O'Neil CD-ROM (contains Windows® print drivers and manuals)
- MCL Enabled
- Optional R series RFID and RFID ready printers
- Real-time clock
- Secure digital input (SDID) card slot-SDID flash memory card

APPROVALS



Datamax-O'Neil® H-4212 / H-4310

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Part Number/Price

Part #	Description	Est. Weight	Price
H-4212			
96885	Label printer, H-4212X, direct/thermal transfer, internal rewind 203 dpi	47 lb	\$3,330.00
H-4310			
96886	Label printer, H-4310X, direct/thermal transfer, internal rewind 300 dpi	54 lb	\$3,530.00

Options/Accessories

Part #	Description	Price
96940	Metal thermal transfer option (coated side in/out)	\$200.00
96941	HD peel mechanism and present sensor (requires interval rewinder)	\$195.00
96942	Basic peel and present sensor (requires internal rewinder)	\$100.00
96943	Powered internal rewinder, full roll	\$325.00
96952	Present sensor only option	\$95.00
96954	Internal ILPC font kit-CG times	\$10.00
96955	DMXrfNet Internal 802.11b Wi-Fi card	\$525.00
68517	External rewinder/unrewinder DMX	\$495.00
96956	Standard cutter kit for 10 mil stock	\$1,395.00
53913	Expansion board 8 MB flash	\$165.00
64889	I/O expansion Kanji	\$165.00
Label Stock/Ribbon (W x L)		
21776	Direct thermal, 3 x 3 in, 8 in diameter with perf., 2,000/roll	\$40.25/roll
150921	Direct thermal, 4 x 6 in, 6 in diameter with perf., 460/roll	\$30.50/roll
25975	Direct thermal, 4.25 x 2.5 in, 6 in diameter with perf., 1,095/roll	\$25.65/roll
21785	Thermal transfer, 2 x 1 in, 8 in diameter, 5,500/roll	\$12.95/roll
21788	Thermal transfer, 4 x 6 in, 8 in diameter, 1,000/roll	\$17.90/roll
20573	Thermal transfer, 4 x 6.5 in, 8 in diameter, 900/roll	\$19.20/roll
126629	Thermal kit, (4) 4 in labels, (2) 4 in ribbons and 1 cleaning card	\$100.95
34056	Ribbon (black), 4 in, 1,181 ft wax	\$25.25/roll
Print Head		
96957	Print head 203 dpi (H-4212x)	\$450.00
96958	Print head 300 dpi (H-4310x)	\$695.00
Cables		
15547	Blunt end, 25-Pin D-sub male RS-232 serial interface cable (Rice Lake indicators)	\$65.00
41502	PC to printer DB9 AT-style interface cable	\$55.00
79074	USB cable 6 ft	\$30.00
64794	RS-232 DB9FM/M null modem	\$65.00

Note: The following models are available by special order.

- H-6210= 6 in wide, 203 dpi
- H-6308= 6 in wide, 300 dpi
- H-4408= 4 in wide, 400 dpi
- H-4606= 4 in wide, 600 dpi