

DMX-E-4203™ PRODUCT SPECIFICATIONS



Datamax adds a new dimension to a full line of bar code printers by introducing another in its new entry class, or E-Class of printers, the DMX-E 4203 Label Printer.

The E-4203 is a small, compact, thermal printer designed for a variety of label and tag printing applications. Standard features include a 4.10" print width, 203 dpi resolution, both serial and parallel interfaces, and 3ips print speed. The E-4203 includes a three-button, three-LED control panel for maximum configuration flexibility and printer status indication. A see-through media window and two distinctive case top designs round out an impressive assembly of standard features.

The Datamax E-4203 can print a wide variety of labels ranging from small office shipping labels to compliance and general purpose product identification labels and tags. Medical and commercial laboratories, automobile service shops, walk-in shipping and mail centres, and inventory stock rooms are all typical examples of the types of businesses that can benefit from the E-4203. And with PDF417 and MaxiCode two dimensional bar code capabilities, the E-4203 can print complex transportation symbols and label formats.



The E-4203 is available in either a direct thermal or thermal transfer version.

The E-4203, market tested and approved, includes all the features needed to make it a perfect choice for your low- to medium-volume labelling needs.

DATAMAX®
E-CLASS™

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DMX-E-4203™ PRODUCT SPECIFICATIONS



PRINTER TYPE	Direct Thermal, Optional Thermal Transfer
PRINT SPEED	3" per second (76mm)
RESOLUTION	203 dpi (8 dots/mm)
BAR CODE MODULUS	5 mil to 110 mil "X" dimension in picket fence or ladder orientations
MAXIMUM PRINT WIDTH	4.10" (104mm)
MEDIA WIDTH	1" - 4.3" (25 - 109mm)
MAXIMUM PRINT LENGTH	20" (508mm) – with default settings, 60" (1524mm) –with reconfigured memory
MEDIA TYPE	Roll-fed or fan-fold materials, die-cut or continuous labels. Perforated or continuous tags
MEDIA THICKNESS	.0025" - .0100" (.0635 - .254mm)
MINIMUM LABEL WIDTH	1" (25mm)
MEDIA SENSING	"See through" for liner backed die cut labels and tags. Left bias reflective sensor for black mark label media
SUPPLY ROLL	4" (102mm) maximum outside diameter. Fanfold stock accepted from back of printer
RIBBONS	Industry-standard ribbon widths; .5" (13mm) ribbon core; 361' (110M) in length
CABINET	Plastic construction
BAR CODES	Code39, Interleaved 2 of 5, Code128, (subsets A, B, and C), Codabar, LOGMARS, UPC-A, UPC-E, UPC2 and 5 digit addendums, EAN-8, EAN-13, EAN 2 & 5 digit addendums, UPC random weight, Code93, MSI Plessey, Universal Shipping Container Symbology, UCC/EAN Code128, Postnet, Code128 MOD 43, PDF417, UPS MaxiCode, DataMatrix, QR Code, Aztec
RESIDENT FONT	Nine alphanumeric fonts from .08" (2mm) to .25" (6mm) and OCR-A, OCR-B, CG Triumvirate, from AGFA® in both portrait and landscape orientations (6point to 36 point)
CHARACTER SET	Modified IBM® Code Page 850; includes characters for English and most European, Scandinavian and Spanish speaking countries
FONT EXPANSION/ROTATION	All fonts expandable vertically and horizontally up to 24x; fonts and graphics can be printed in four directions: 0°, 90°, 180° and 270°. A scalable font engine is resident for user-downloadable fonts
GRAPHICS SUPPORT	.PCX, .BMP, .IMG files
REVERSE FIELDS/MIRROR IMAGE	Any font or graphic field can be printed as a normal or reverse image
MEMORY	2MB DRAM, 1MB Flash
INTERFACES	Centronics parallel, RS232 at 300 to 38,400 BPS
WINDOWS® DRIVER	95/98/NT/2000 supported
POWER SOURCE	115, 230 VAC 60/50Hz available; specify when ordering
OPERATING TEMPERATURE	40°F to 95°F (4°C to 35°C)
DIMENSIONS	6"(152mm)H x 8.5"(216mm)W x 9.5"(241mm)D
WEIGHT	Printer: 5.2 lbs. (2.4kg) TT, 3ips AC Adapter: 2.9lbs(1.3Kg)
AGENCY LISTINGS	Built to UL safety standards, FCC emissions standard and CE Mark
OPTIONS	
THERMAL TRANSFER	Factory- or user-installed
PRESENT SENSOR	User installed
CUTTER	User installed, heavy duty rotary media cutter (.002"-.0065" thick), or light duty cutter (.002"-.0047" thick)
MEMORY KIT	User installed 3MB Downloadable Flash Program Memory module
EXTERNAL KEYBOARD	Portable keyboard/display terminal provides interface for stand-alone printing
NETWORK CONNECTIVITY	Micro Print Server MPS1T allows multiple users on various platforms to share the same printer
ILPC FIRMWARE	International Language Print Capability firmware allows printing of non-English character sets in over 40 countries. User installable plug-in modules as defined below: • CG Times (Western Language Support) • Kanji Gothic B • Simplified Chinese GB • Korean Hangul
NOTE	Only one (1) memory module can be used at a time
INCREASED PRINT SPEED	4" per second (101mm) available when using autoranging power supply

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THE E-CLASS PRINTER FROM DATAMAX

DMX-E-4204™ AND DMX-E-4304™ PRODUCT SPECIFICATIONS



The E-4204 and E-4304 are small, compact, thermal printers designed for a variety of on-demand printing applications. In addition to a 4.1" print width, serial and parallel communication interfaces, the E-4204 includes a 203 dpi print head, 4 inch per second(ips) print speed, and casework to accommodate a 5" outside diameter (OD) roll of labels. A three button, LED control panel provides maximum configuration flexibility and printer status indication. A see-through media window provides for immediate assessment of label stock status.

Datamax brings high resolution to the E-Class with the addition of the 300 dpi, DMX-E-4304 Label Printer.



The E-4304 is the perfect choice for desk-top labelling applications.

The Datamax E-4304 can print a wide variety of labels ranging from small office shipping labels to postal and shipping labels. Medical and research facilities, parcels offices, and mail centres are all typical examples of the types of businesses that can benefit from the E-4304. With 300 dpi, the E-4304 can also print complex two dimensional bar code symbologies including PDF417, Datamatrix, MaxiCode, and QRCode.

The E-4304, developed in response to customer requirements, includes all the features needed to make it a perfect choice for your high resolution, low to medium volume labelling needs.

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DMX-E-4204™ AND DMX-E-4304™ PRODUCT SPECIFICATIONS



PRINTER TYPE	Direct Thermal, Optional Thermal Transfer
PRINT SPEED	4" per second (101.6mm)
RESOLUTION	E-4304: 300 dpi (11.8 dots/mm), E-4204: 203 dpi (8 dots/mm)
BAR CODE MODULUS	203 dpi: 5.0 mil to 110 mil "X" dimension in picket fence or ladder orientations (E-4204) 300 dpi: 3.3 mil to 110 mil "X" dimension in picket fence or ladder orientations (E-4304)
MAXIMUM PRINT WIDTH	4.1" (104mm)
MEDIA WIDTH	1" - 4.3" (25 - 109mm)
MAXIMUM PRINT LENGTH	12" (304.8mm) – with default settings, 24" (609.6mm) –with reconfigured memory
MEDIA TYPE	Roll-fed or fan-fold materials, die-cut or continuous labels. Perforated or continuous tags
MEDIA THICKNESS	.0025" - .0100" (.0635 - .254mm)
MINIMUM LABEL WIDTH	1" (25mm)
MEDIA SENSING	"See through" for liner backed die cut labels and tags. Left bias reflective sensor for black mark label media
SUPPLY ROLL	5" (127mm) maximum outside diameter. Fanfold stock accepted from back of printer
RIBBONS	Industry standard ribbon widths; .5" (13mm) ribbon core; 361' (110M) in length
PEEL MECHANISM	Included at no charge
CABINET	Plastic construction
BAR CODES	Code39, Interleaved 2 of 5, Code128, (subsets A, B, and C), Codabar, LOGMARS, UPC-A, UPC-E, UPC2 and 5 digit addendums, EAN-8, EAN-13, EAN 2 & 5 digit addendums, UPC random weight, Code93, MSI Plessey, Universal Shipping Container Symbology, UCC/EAN Code128, Postnet, Code128 MOD 43, PDF417, UPS MaxiCode, DataMatrix, QR Code, Aztec
RESIDENT FONT	Nine alphanumeric fonts from .08" (2mm) to .25" (6mm) and OCR-A, OCR-B, CG Triumvirate, from AGFA® in both portrait and landscape orientations (4point to 24 point)
CHARACTER SET	Modified IBM® Code Page 850; includes characters for English and most European, Scandinavian and Spanish speaking countries
FONT EXPANSION/ROTATION	All fonts expandable vertically and horizontally up to 24x; fonts and graphics can be printed in four directions: 0°, 90°, 180° and 270°. A scalable font engine is resident for user-downloadable fonts
GRAPHICS SUPPORT	.PCX, .BMP, .IMG files
REVERSE FIELDS/MIRROR IMAGE	Any font or graphic field can be printed as a normal or reverse image
MEMORY	2MB DRAM, 1MB Flash
INTERFACES	Centronics parallel, RS232 at 600 to 38,400 BPS
WINDOWS® DRIVER	95/98/NT/2000 supported
POWER SOURCE	Autoranging; specify appropriate power cord when ordering
OPERATING TEMPERATURE	40°F to 95°F (4°C to 35°C)
DIMENSIONS	7.05"(179mm)H x 8.77"(223mm)W x 10"(254mm)D
WEIGHT	Printer: 5.2 lbs. (2.4kg) TT, Standard AC Adapter: 10 oz (284g), optional heavy duty AC adaptor; 2.2lbs (1kg)
AGENCY LISTINGS	Built to UL safety standards, FCC emissions standard and CE Mark
OPTIONS	
THERMAL TRANSFER	Factory or user installed
PRESENT SENSOR	User installed
CUTTER	User installed, heavy duty (.002" - .0065" thick) rotary media cutter; or light duty (.002" - .0047" thick) cutter
MEMORY KIT	User installed 3MB Downloadable Flash Program Memory module
EXTERNAL KEYBOARD	Portable keyboard/display terminal provides interface for stand-alone printing
NETWORK CONNECTIVITY	Micro Print Server MPS1T allows multiple users on various platforms to share the same printer
ILPC FIRMWARE	International Language Print Capability firmware allows printing of non-English character sets in over 40 countries. User installable plug-in modules as defined below: • CG Times (Western Language Support) • Kanji Gothic B • Simplified Chinese GB • Korean Hangul
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