

# PRODUCT SPECIFICATIONS

## E-CLASS

[E-4203](#)

[E-4204](#)

[E-4304](#)



The Datamax E-Class family is a lightweight, space-saving line of thermal printers designed with leading edge technology for a multitude of label and tag printing applications.

These printers are engineered for small size but packed with big features including an advanced 32-bit multi-tasking processor with two megabytes of memory, a serial and a parallel communication interface, and a three-button control panel. In addition, a full complement of industry standard linear bar codes as well as the complex two-dimensional symbologies such as MicroPDF417, Datamatrix, Maxicode, Aztec, and TLC39 are resident in the printer's memory.

With all this power loaded into such a small footprint, the E-Class family is the printer choice for a wide variety of low to medium volume labeling applications ranging from the needs of those in an office or research facility to those of a shipping or transportation center. And depending upon the model you choose, a four-inch per second print speed, a 300 dot per inch print resolution, plus the ability to accommodate a five inch roll of media can provide added versatility for all of your applications.

All E-Class printers share an assortment of options including a cutter, a label present sensor, a three megabyte Flash expansion module, and an assortment of international character font sets. Also, connectivity is never an issue because the E-Class printer can be easily networked with the Datamax DMX-100 Ethernet print server.

When it comes to big performance in a small package, there is just one choice - the E-Class family of printers. They are the most affordable entry-level printing solution available in the marketplace today.

E-Class printers are ideal for applications such as:

- Admissions
- Product Labeling
- Patient File Tracking
- Postal Services
- Drivers Licenses
- Small Business
- Automobile Registration



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	E-4203	E-4204	E-4304
<b>PRINT SPEED</b>	3 IPS	4 IPS	4 IPS
<b>RESOLUTION</b>	203 DPI	203 DPI	300 DPI
<b>SUPPLY ROLL CAPACITY</b>	4" (101.6 mm)	5" (127.0 mm)	5" (127.0 mm)

<b>PRINTER TYPE</b>	Direct Thermal, Optional Thermal Transfer
<b>BAR CODE MODULUS</b>	5 mil to 55 mil (203 dpi) / 3.3 mil to 40 mil (300 dpi) "X" dimension in picket fence or ladder orientations
<b>MEDIA WIDTH</b>	1" – 4.3" (25.4mm – 109.2mm)
<b>MEDIA TYPE</b>	Roll-fed or fan-fold materials, die-cut or continuous labels; perforated or continuous tag/ticket stock
<b>PRINT LENGTH</b>	.375" – 24" (9.5mm – 609.6mm)
<b>MEDIA THICKNESS</b>	.0025" – .0100" (.0635mm – .254mm)
<b>MEDIA SENSING</b>	"See through" for liner backed die cut labels and tags. Left bias reflective sensor for black mark label media
<b>LABEL BACKFEED</b>	For use with optional cutter
<b>RIBBONS</b>	Industry standard ribbon widths; 0.5" (13mm) ribbon core, 361' (110M) in length
<b>CABINET</b>	Plastic construction, clear top window to easily monitor media supply levels
<b>BAR CODES</b>	Code 3 of 9, UPC-A, UPC-E, Interleaved 2 of 5, Code 128, EAN-8, EAN-13, HIBC, Codabar, Plessey, UPC 2 and 5 digit addendums, Code 93, Postnet, UCC/EAN Code 128, Telepen, UPS MaxiCode, FIM, PDF417, USD-8, Datamatrix, QR Code, Aztec, TLC 39, Micro PDF417
<b>RESIDENT FONTS</b>	Ten alphanumeric fonts from .08" (2mm) to .25" (6mm) including OCR-A, OCR-B, CG Triumvirate™ smooth font from AGFA®.
<b>DOWNLOADABLE FONT TYPES</b>	True-Type, AGFA® Intellifont™, Bitmap
<b>CHARACTER SET</b>	Modified IBM® Code Page 850; includes characters for English and most European, Scandinavian and Spanish speaking countries
<b>FONT EXPANSION/ROTATION</b>	All fonts expandable vertically and horizontally up to 24x; fonts and graphics can be printed in four directions: 0°, 90°, 180° and 270°
<b>GRAPHICS SUPPORTED</b>	.PCX, .BMP and .IMG files
<b>REVERSE FIELDS/MIRROR IMAGE</b>	Any font or graphic field can be printed as a normal or reverse image
<b>MEMORY</b>	2MB DRAM; 1MB Flash
<b>INTERFACES</b>	Centronics® Parallel port, RS232 at 600 to 38,400 BPS
<b>WINDOWS® DRIVER</b>	Used for creating label formats using virtually any Windows®-based program. Included on Datamax Accessories CD, or via our web site at <a href="http://www.datamaxcorp.com">www.datamaxcorp.com</a>
<b>POWER SOURCE</b>	External power supply; specify appropriate power supply and cord when ordering
<b>OPERATING TEMPERATURE</b>	40°F to 95°F (4°C to 35°C)
<b>DIMENSIONS</b>	7.05" H x 8.77" W x 10" D (179mm H x 223mm W x 254mm D)
<b>WEIGHT</b>	Printer: 5.2 lbs. (2.4kg)

**DATAMAX E-CLASS OPTIONS:**

- THERMAL TRANSFER
- LABEL PRESENT SENSOR
- FLASH MEMORY EXPANSION
- LIGHT DUTY CUTTER
- EXTERNAL MEDIA SUPPLY STAND
- ILPC PLUG-IN MODULES
- STANDARD CUTTER
- EXTERNAL KEYBOARD
- DMX100 ETHERNET PRINT SERVER

