

[E-4203](#)

[E-4204](#)

[E-4304](#)



E-Class printers are ideal for applications such as:

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



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, serial, parallel, and USB communication interfaces, 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.

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

|                             |                                                                                                                                                                                                                                                              |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PRINTER TYPE                | Direct Thermal, Optional Thermal Transfer                                                                                                                                                                                                                    |
| BAR CODE MODULUS            | 5 mil to 55 mil (203 dpi) / 3.3 mil to 40 mil (300 dpi) "X" dimension in picket fence or ladder orientations                                                                                                                                                 |
| MEDIA WIDTH                 | 1" – 4.3" (25.4mm – 109.2mm)                                                                                                                                                                                                                                 |
| MEDIA TYPE                  | Roll-fed or fan-fold materials, die-cut or continuous labels; perforated or continuous tag/ticket stock                                                                                                                                                      |
| PRINT LENGTH                | .375" – 24" (9.5mm – 609.6mm)                                                                                                                                                                                                                                |
| MEDIA THICKNESS             | .0025" – .0100" (.0635mm – .254mm)                                                                                                                                                                                                                           |
| MEDIA SENSING               | "See through" for liner backed die cut labels and tags. Left bias reflective sensor for black mark label media                                                                                                                                               |
| LABEL BACKFEED              | For use with optional cutter                                                                                                                                                                                                                                 |
| RIBBONS                     | Industry standard ribbon widths; 0.5" (13mm) ribbon core, 361' (110M) in length                                                                                                                                                                              |
| CABINET                     | Plastic construction, clear top window to easily monitor media supply levels                                                                                                                                                                                 |
| BAR CODES                   | 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 |
| RESIDENT FONTS              | Ten alphanumeric fonts from .08" (2mm) to .25" (6mm) including OCR-A, OCR-B, CG Triumvirate™ smooth font from AGFA®.                                                                                                                                         |
| DOWNLOADABLE FONT TYPES     | True-Type, AGFA® Intellifont™, Bitmap                                                                                                                                                                                                                        |
| 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°                                                                                                                     |
| GRAPHICS SUPPORTED          | .PCX, .BMP and .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                  | USB, Centronics® Parallel port, RS232 at 600 to 38,400 BPS                                                                                                                                                                                                   |
| WINDOWS® DRIVER             | 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>                                                          |
| POWER SOURCE                | External power supply; specify appropriate power supply and cord when ordering                                                                                                                                                                               |
| OPERATING TEMPERATURE       | 40°F to 95°F (4°C to 35°C)                                                                                                                                                                                                                                   |
| DIMENSIONS                  | 7.05" H x 8.77" W x 10" D (179mm H x 223mm W x 254mm D)                                                                                                                                                                                                      |
| WEIGHT                      | 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
- ADJUSTABLE MEDIA SENSOR

