

Imaje Nova Series

Combining high-performance capabilities in a compact, robust and modern design



The Imaje Nova printer family is for customers who need high speed, high capacity label rolls, reliability, and great ease of use. These printers are the most compact printers in their class. Featuring all-metal casing, they are tough enough for harsh industrial environments, yet quiet enough for office use.

Imaje Nova Series

- Robust, high-performance range of thermal transfer and direct thermal printers
- 3 different print widths:
104 mm (4.1") - 168 mm (6.6") - 216 mm (8.5")
- Print resolution: 200 or 300 dpi
- Print speed: up to 250 mm/s (9.8"/s)
- Prints texts, logos, barcodes and graphics
- 10 scalable fonts as standard
- Most barcodes, including several 2-dimensional and stacked codes (QR code, PDF 417, Datamatrix, Maxicode, EAN 13, etc.)
- 2 high speed serial interfaces, USB and Ethernet ports

**For printing labels
tickets and tags**



Imaje Nova Series

Flexible and easy to use, the Nova printers can print both tickets and labels. Compact, robust and quiet, they fit well into industrial and office environments.

Imaje Nova Series

High performance and user friendly



Imaje Nova Series printers are **easy to operate**, even for non-technical people. For high-performance printing, they are **exceptionally versatile**, meeting the requirements of most user applications.

- Big power supply enables printing at high speed (up to 250 mm/s, 10 ips) on the entire surface of labels.
- Optimized print cycle: enhanced print speed.
- Big roll (150 mm is standard; 215 mm optional): very little down-time for reloading.
- Open paper path for fast reloading.
- Open media roll for fast reloading.
- 3 different media positioning sensors are standard (short, long and black-mark); changing media type is faster as it does not require changing the sensor.
- Print roll can be removed without special tools: speeds up maintenance.
- Special non-stick surface coating from Imaje simplifies cleaning.
- Webservice and built-in set-up program requires little software education for operators.

Imaje Nova Series

Robust and easy to integrate

Imaje Nova Series printers are **designed to fit into many different systems** at varying levels of integration and meet a range of connectivity requirements.

- All-metal construction.
- Suitable for desktop or built-in applications, thus always enabling the best installation possible (particularly suitable for integrators).
- Wide range of interfaces (two high-speed serial ports, USB and Ethernet ports): connects to all systems.
- Automatic 110-240 VAC regulator adapts to different voltages; the same printer works all over the world without cumbersome external boxes.



Technical specifications

Imaje Nova4 DT



Technology DIRECT THERMAL	Height 150 MM (5.9")	Width 232 MM (9.1")	Depth 360 MM (14.2")
Weight 5.8 KG (12.8 LBS)	Print resolution 200 OR 300 DPI	Maximum print width 104 MM (4.1")	Print speed UP TO 250 MM/S (10 IPS)

Imaje Nova4 TT



Technology THERMAL TRANSFER	Height 210 MM (8.3")	Width 240 MM (9.4")	Depth 360 MM (14.2")
Weight 7.2 KG (15.9 LBS)	Print resolution 200 OR 300 DPI	Maximum print width 104 MM (4.1")	Print speed UP TO 200 MM/S (8 IPS)

Imaje Nova6 DT



Technology DIRECT THERMAL	Height 150 MM (5.9")	Width 292 MM (11.5")	Depth 360 MM (14.2")
Weight 6.8 KG (15 LBS)	Print resolution 200 DPI	Maximum print width 168 MM (6.6")	Print speed UP TO 200 MM/S (8 IPS)

Imaje Nova6 TT



Technology THERMAL TRANSFER	Height 210 MM (8.3")	Width 315 MM (12.4")	Depth 360 MM (14.2")
Weight 8.2 KG (18.1 LBS)	Print resolution 200 DPI	Maximum print width 168 MM (6.6")	Print speed UP TO 200 MM/S (8 IPS)

Imaje Nova8 DT



Technology DIRECT THERMAL	Height 150 MM (5.9")	Width 345 MM (13.5")	Depth 360 MM (14.2")
Weight 7 KG (15.5 LBS)	Print resolution 200 DPI	Maximum print width 216 MM (8.5")	Print speed UP TO 150 MM/S (6 IPS)

Printing

- 10 scalable fonts as standard: Univers Medium - Univers Bold - Univers Condensed - Univers Condensed Bold - CG Times - CG Times Italic - CG Times Bold - CG Times Bold Italic - Letter Gothic Bold - Coronet
- Supports English and all European languages including Greek and Cyrillic characters
- Most current barcodes are available including several two-dimensional and stacked codes: QR code, PDF 417, Datamatrix, Maxicode, EAN 13, etc.
- Prints lines, boxes and frames - Graphics in all four directions
- Can receive compressed graphics for fast Windows® printouts

Media

- Die cut labels, continuous roll, fanfold tickets and tags
- Minimum length: 10 mm (0.39") - Maximum length: unlimited

	Imaje Nova4 DT	Imaje Nova4 TT	Imaje Nova6 DT	Imaje Nova6 TT	Imaje Nova8 DT
Minimum width	40 mm (1.5")	40 mm (1.5")	40 mm (1.5")	40 mm (1.5")	150 mm (5.9")
Maximum width	115 mm (4.5")	115 mm (4.5")	180 mm (7.1")	180 mm (7.1")	230 mm (9.1")

- Thickness: 58 μm (0.0023") to 180 μm (0.0071")
- Core diameter: minimum 40 mm (1.5") - Not for Nova8 DT
- Maximum label roll diameter: up to 215 mm (8.5") - Not for Nova8 DT
- Fanfold media (Nova8 DT)

Programming language

- Communication in printable ASCII characters
- File management for macros and graphics
- Field rotation 0°, 90°, 180°, 270°
- Status request
- Built-in real time clock
- 10 individual, programmable counters

Communication interface

- Two serial interfaces, 300-115 200 bps
- USB interface
- Bi-directional Centronics (option)
- Ethernet: TCP/IP (LPD, R Telnet, FTP, Webserver)

Other characteristics

- Options: 215 mm paper roll kit (not for Nova8 DT) - Peel-off kit (Not for Nova8 DT) - LTS - Bi directional Centronics interface - Daisy chain cable.
- 32-bit RISC Processor - 2 MB flash memory - 512 KB SRAM - 2 MB DRAM
- Unique Printing method reduces memory need and increases print cycle speed
- Built-in configuration program
- Operating system stored in flash PROM, for easy software upgrades
- Works internally with Unicode character set
- Time and date symbols
- Backwards compatible with the Markpoint MkII series
- Power requirements: 110/240 VAC \pm 15%, 50-60 Hz
- Operating temperature range: +5°C to +40°C
- Operating humidity: 20% to 85% non-condensing relative humidity

Label design software

- MP Design, Codesoft, Label Matrix, Nice Label
- Most label design software using graphics mode

Imaje reserves the right to modify product design and/or characteristics at any time without notice.



The Quality Management System of the factory where this equipment was manufactured has been certified ISO 9001 / ISO 14001.



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You make it, we mark it.



Optimize printer availability, plus save on repair and replacement costs - that is the CareAdvantage you get when you extend your already unrivalled printer warranty from **Imaje Worldwide Service.**