

MOLI Certified Label Printers

labels, tickets, tags, and more

CONFIGURATIONS AND SPECIFICATIONS

The **ZD220** and **ZD230** desktop printers handle most printing; the ZT411 industrial series is built for high-volume continuous production runs. **Direct Thermal** prints degrade in UV and hot environments — use **Thermal Transfer with ribbon** for labels that need to survive long-term.

FAMILY	MODEL / SKU	TECHNOLOGY	BEST FOR	SPEED	RIBBON	CONNECTION	WARRANTY	MSRP
ZD220 SERIES VALUE DESKTOP	`ZD22042-D01G00EZ` **ZD220 Direct Thermal** Standard · Tear bar	Direct Thermal No ribbon required	General Labels Visitor Badges	4 ips	N/A	USB · Serial · Ethernet	2 yr standard	**$614**
	`ZD22042-D11G00EZ` **ZD220 Direct Thermal** With peeler		General Labels High Volume					**$695**
	`ZD22042-T01G00EZ` **ZD220 Thermal Transfer** Standard · Tear bar	Thermal Transfer 74M ribbon	ID Tags Compliance	4 ips	74M	USB · Serial · Ethernet	2 yr standard	**$739**
	`ZD22042-T11G00EZ` **ZD220 Thermal Transfer** With peeler		ID Tags High Volume					**$818**
ZD230 SERIES ADVANCED DESKTOP	`ZD23042-D01H00EZ` **ZD230 Direct Thermal** Standard · Tear bar PREFERRED	Direct Thermal No ribbon required	Job Tickets Travelers	6 ips	N/A	USB · Serial · Ethernet	2 yr standard	**$725**
	`ZD23042-D11G00EZ` **ZD230 Direct Thermal** With peeler		Job Tickets High Volume					**$794**
	`ZD23042-301H00EZ` **ZD230 Thermal Transfer** Standard · Tear bar	Thermal Transfer 300M ribbon	ID Tags Compliance	6 ips	300M	USB · Serial · Ethernet	2 yr standard	**$929**
ZT411 SERIES INDUSTRIAL 300 / 600 DPI	`ZT41143-T010000Z` **ZT411 · 300 dpi** Standard · Tear bar · US cord PREFERRED	Thermal Transfer	Production Floor High Volume	14 ips	450M	USB · Serial · Ethernet · Bluetooth	1 yr standard	**$3,031**
	`ZT41143-T410000Z` **ZT411 · 300 dpi** Full rewind + peel · US cord		Production Floor Auto-Apply					**$3,723**
	`ZT41146-T010000Z` **ZT411 · 600 dpi** Standard · Tear bar · US cord	Thermal Transfer	Fine-Detail Print Product Labels	14 ips	450M	USB · Serial · Ethernet · Bluetooth	1 yr standard	**$4,724**
	`ZT41146-T410000Z` **ZT411 · 600 dpi** Full rewind + peel · US cord		Fine-Detail Print Auto-Apply					**$5,460**
RIBBONS ZEBRA GENUINE	`03200BK11045` **3200 Series · Wax/Resin** 110mm × 450m · 25mm core	Wax / Resin Balanced durability	General Labels Job Tickets			fits ZT411		**$276** 6-pack
	`05095BK11045` **5095 Series · Resin** 110mm × 450m · 25mm core	Resin Maximum durability	ID Tags Compliance					**$485** 6-pack

⚑ Printing closes the loop — mapping digital workflows to physical artifacts.

MOLI kiosks can print barcode labels (ZPL) for anything in the system, as well as series and one-off barcode labels in a variety of symbologies, including Code 128, Code 39, ITF, QR Code, Aztec, QR, Data matrix, and others. Additional label workflows can be created for your specific application. MOLI kiosks can also print PDF directly to most networked printers via IPP or RAW.

CHOOSING THE RIGHT PRINTER FOR YOUR APPLICATION

Every MOLI deployment includes consulting to match each workcenter with the right print technology, resolution, and media for its unique operational needs.

Desktop printing · office and workcenter

- **ZD220 Direct Thermal** — simplest deployment; no ribbon to manage; right choice for short-lived / temporary labels, visitor badges, and general use
- **ZD220 Thermal Transfer** — adds ribbon for labels that need to survive heat, UV, or abrasion; identification tags, shelf labels, serials
- **ZD230 Direct Thermal** — 6 ips throughput handles busier workstations; offers the same media flexibility as ZD220 DT with a faster print engine
- **ZD230 Thermal Transfer (300M)** — the preferred workcenter TT printer; 300M ribbon capacity reduces ribbon-swap vs. 74M
- **Peeler option** — factory-installed on any peeler variant; operator pulls a ready-to-apply label without touching the backing — right choice for high-cadence label application

Industrial printing · production floor

- **ZT411 · 300 dpi · Standard** — the preferred MOLI industrial printer; 14 ips throughput with 450M ribbon capacity; handles a full shift without a ribbon change at most volumes
- **ZT411 · 300 dpi · Rewind + Peel** — adds liner rewind and peel-and-present for automated-apply workflows; correct choice when an operator must apply labels to product at rate
- **ZT411 · 600 dpi** — same industrial chassis at twice the resolution; consumer-facing product labels, compliance labels, small serialized tags, or fine-pitch barcodes that 300 dpi cannot resolve cleanly
- **3200 Wax/Resin ribbon** — all-purpose hybrid ribbon for general use; smear-resistant on most label stocks
- **5095 Resin ribbon** — maximum durability; for polyester and synthetic labels in consumer-facing product labels, harsh environments, high-temperature processes, or where chemical resistance is required

Direct Thermal vs. Thermal Transfer — the short version: Direct Thermal (DT) uses heat-sensitive label stock — no ribbon needed, lower cost, simpler maintenance. The tradeoff is durability: DT prints fade in UV light, chemical exposure, and heat. Thermal Transfer (TT) transfers ink from a wax or resin ribbon onto the label stock, producing a durable image that resists environmental exposure. Use DT for short-lived internal documents (visitor badges, labels that are printed, scanned, and discarded); use TT for anything that needs to survive the process, the warehouse, or a customer — identification tags, serialized labels, product labels.

ZEBRA ONECARE EXTENDED WARRANTIES — LABEL PRINTERS

5-Year warranties align printer service terms with your MOLI device fleet.
OneCare Essential adds coverage for accidental damage and normal wear and tear, 3-day depot turnaround and 8×5 support;
OneCare Select adds same-day shipping of replacement devices and 24×7 support.
OneCare Onsite adds 24×7 phone support with on-site technician dispatch, replacement print heads, and semi-annual preventative maintenance visits.

COVERAGE	SKU	MSRP	COVERS
5 yr OneCare Essential — ZD220 / ZD230 ★	Z1AE-ZD2X-5C0	**$151**	ZD220 and ZD230 (all SKUs)
5 yr OneCare Essential — ZT411	Z1AE-ZT411-5C0	**$786**	ZT411 (all SKUs)
5 yr OneCare Select — ZT411	Z1AZ-ZT411-5C0	**$934**	
5 yr OneCare Onsite — ZT411 ★	Z1A1-ZT411-5C0	**$2,927**	

★ *Recommended for all printers deployed on production floors.*

© 2026 Perdix Software, Inc. · **MOLI**™, **The MOLI System**™, **Multi-Operation Lean Intelligence**™, the MOLI Seal, MOLI Avatar, and MOLI trade dress are trademarks of Perdix Software, Inc. · All other marks are property of their respective owners and are used for identification purposes only. · Actual results vary by facility size, product mix, and baseline conditions. Availability, features, specifications, and pricing subject to change. · moli-devices-label-printers · rev 1a-perdix · 2026-11-20

Every label matters. **Let's print them right.**

PERDIXSW.COM

Perdix Software
info@perdixsw.com
(585) 471-6800