ZD621-HC 4-inch Desktop Printers

Premium features, maximum performance and unmatched security for years of quality printing in healthcare environments

You need a premium, quality healthcare printer that's built to perform flawlessly—day in and day out. Rely on Zebra's ZD621 healthcare desktop printers, built specifically for healthcare, and advancing the proven and popular ZD620 printers. Don't compromise. Get it all: an innovative new architecture to power our ever-expanding printer capabilities and software. Healthcare-specific engineering with disinfectant-ready plastics, UV-resistant and medical-grade power supply. Unmatched security that's constantly evolving to shield you from cyberattacks and safeguard your sensitive data, including patient information. A new standard 4.3 in., full-color LCD touch display with intuitive menu. Enhanced features, communication and field-installable media-handling options. And, increased remote-management capabilities. Together, these give you outstanding print performance, years of optimal use, industry-leading reliability and unparalleled intelligence and security to keep you moving forward.



Elevating a Proven Winner

Extending the ZD-Series Legacy
Zebra's ZD620 Series printers are known for quality, premium performance. As you select your next printer, you can be confident the next-generation ZD621 includes everything you loved in those legacy printers, and builds on this heritage to deliver best-in-class features for this new era of intelligence and forward adaptability.

Designed for Healthcare

Easy to Clean, Sanitize and Safely Power
Disinfectant-ready plastics, UV-resistant housing and a sealed-button interface make the ZD621 healthcare printers easy to clean and sanitize, helping prevent the spread of infections in hospitals and clinics. And, the power supply is IEC 60601-1 compliant for use in healthcare facilities.

Expect the Best

Premier Printing Performance
Rely on the ZD621 to help you power through—day after day. From industry-leading print speeds to portability for application flexibility to emerging technology to field-installable options, the ZD621 stands apart. Available in direct thermal and thermal transfer healthcare models, and a RFID model[1], the ZD621 supports a wide variety of healthcare-specific use cases and requirements.

Operate with Ease

Simple to Deploy, Use, Manage and Secure
Backed by Zebra's innovative Print DNA™ software suite, the ZD621 is incredibly simple to operate. Deploy it anywhere with setup tools, wizards and emulation capabilities. The large, touch LED display and intuitive user interface make operation easy with minimal training. See status at a glance with the five LED icons. Take advantage of robust remote management capabilities that alleviate IT burdens. And, built-in security hardens your infrastructure from cyberattacks.

The ZD621—Premimum print quality, features and reliability.
Ready for tomorrow's healthcare needs.
For more information, please visit www.zebra.com/zd621-healthcare

Put it to Work for Years

Designed to Perform Today and Tomorrow
Technology is constantly advancing. So can your ZD621 printer. Featuring an innovative architecture, it's engineered to power future printing. In comparison, it's 30% more powerful than the ZD620 Series. This gives you the ability to run more tasks, perform more operations simultaneously, maintain security and be ready for what's next.

Intuitive User Interface
Interact at a touch with the 4.3 in., full-color LCD touch display, standard on the ZD621 healthcare and RFID models. The easy-to-use menu features step-by-step setup wizards, troubleshooting animations, media-loading and calibration guidance and supports stand-alone printing applications. Zebra touchscreens are expertly designed and tested for toughness and reliability consistent with Zebra's printer portfolio, including robust tolerance to temperature, humidity, dust and other environmental challenges.

Connect Your Way with Comprehensive Communication
Integrate your ZD621 onto your existing wired and wireless networks or connect it directly to any PC. Every ZD621 comes with Ethernet, Serial, USB 2.0 and USB Host, or add an optional dual wireless radio with fast 802.11ac Wi-Fi™ and Bluetooth® 4.1. Print from any Windows®, Android™ or iOS® device, and integrate your ZD621 with Zebra's printer setup mobile app using Bluetooth Low Energy (BLE). And with the included Print Touch tag (NFC), you can simply tap a compatible mobile device on the ZD621 to pair and print—as well as instantly access Zebra's extensive knowledge base of how-to videos.

The Features You Need, When You Need Them

Turn Your ZD621 Into a Portable Printer
Easily transport your ZD621 healthcare printer on a cart or with Zebra's optional carrying case, using the battery option. Print on-the-spot to reduce steps, increase productivity, and improve task accuracy. Power through a full shift with the high-capacity battery.

Movable Sensor for Comprehensive Media Compatibility
The ZD621 movable media sensor lets you use virtually any media for greater flexibility across a variety of use cases.

Print DNA Software Suite, Your Built-In Advantage

Print Securely and Confidently, Without Hassles
Print DNA suite of software, powered by our Link-OS® operating system, will get your printer up and running quickly and securely. Print consistently, and uninterrupted with a solution that's fully integrated and interoperable, and will enable your printer to evolve with your business needs.

Update, Troubleshoot and Monitor–All From a Single Location
With Zebra's Printer Profile Manager Enterprise, part of Print DNA, you have the ability to easily manage, secure and troubleshoot your networked printers from one remote location. Manage one printer, a group of specific printers or all printers anywhere in the world.

Unparalleled, Peace-of-Mind Printer Security
Shield yourself from cyberattacks with Zebra's PrintSecure, part of Print DNA. Easily configure your printers via secure connections, identify vulnerabilities, block unauthorized access and more.

Explore Managed Print Services (MPS) with Assurance

Zebra's Thermal Printers with Print DNA Make MPS Easy
Looking to gain control and visibility of your printer fleets with MPS? With the Print DNA software suite, your Zebra MPS provider can remotely manage and optimize your printers, track and automate supplies replenishment and ensure security.

Supplies, Service and Support

Zebra Certified Supplies
Printing supplies provide a digital voice for assets across your supply chain. You rely on them to disseminate critical data throughout your organization. That's why we design, produce and rigorously pretest our own line of labels, tags and receipt paper to ensure consistent, optimized performance in your Zebra printer. For industry-leading quality, service and thermal printing expertise, choose Zebra Certified Supplies.

Service When You Need it
Zebra OneCare™ offers unmatched technical support direct from Zebra, as well as comprehensive repair services. And Zebra's Visibility Services provide real-time insights into printer operations to help optimize printer availability.

Specifications

Healthcare Features

- Healthcare preferred white color scheme
- Healthcare-compliant power supply, IEC 60601-1 certified
- Disinfectant-ready, easy-to-clean plastics with sealed button interface
- UV-resistant housing supports UV cleaning protocols

Standard Features

- Print methods: Thermal Transfer or Direct Thermal
- ZPL and EPL programming languages
- 4.3 in. full color touch LCD (resolution: 480 wide x 272 high) with 3-button user interface
- 5 status icons interface
- Ethernet, Serial, USB 2.0, USB Host
- Printer setup mobile app for Android and iOS via BLE (Bluetooth Low Energy 5) connection*

  * BLE is intended for use with Zebra printer setup mobile app only
- Real Time Clock (RTC)
- Media dancer for excellent print quality
- OpenACCESS™ for easy media loading
- Dual-wall frame construction
- ENERGY STAR® certified
- ZebraDesigner Essentials—easy label design tool free at www.zebra.com/zebradesigner

Physical Characteristics

Dimension	**Direct Thermal:** 8.7 in. L x 7.0 in. W x 5.9 in. H 221 mm L x 177 mm W x 151 mm H **Thermal Transfer:** 10.5 in. L x 8.0 in. W x 7.5 in. H 267 mm L x 202 mm W x 192 mm H
Weight	**Direct Thermal:** 3.6 lbs./1.6 kg **Thermal Transfer:** 5.5 lbs./2.5 kg

Printer Specifications

Operating System	Link-OS
Resolution	203 dpi/8 dots per mm 300 dpi/12 dots per mm (optional)
Memory	512 MB Flash; 256 MB SDRAM 64 MB user available non-volatile memory 8 MB user available SDRAM
Maximum Print Width	4.09 in./104 mm for 203 dpi 4.27 in./108 mm for 300 dpi
Maximum Print Speed	8 in./203 mm per second (203 dpi) 6 in./152 mm per second (300 dpi)
Media Sensors	Full width, moveable reflective/black mark sensor; multi-position transmissive/gap sensor
Firmware	ZPL II; EPL 2; XML; ZBI; PDF Direct

Media and Ribbon Characteristics

Label Length	Minimum: 0.25 in./6.4 mm Maximum: 39.0 in./991 mm
Media Width	**Direct Thermal:** 0.585 in./15 mm to 4.25 in./108 mm **Thermal Transfer:** 0.585 in./15 mm to 4.65 in./118 mm
Media Roll Size	Maximum outer diameter: 5.0 in./127 mm Core inner diameter: 0.5 in. (12.7 mm) and 1.0 in. (25.4 mm) standard, 1.5 in. (38.1), 2.0 in., (50.8 mm) and 3.0 in. (76.2 mm) using optional adapters
Media Thickness	0.003 in. (0.08 mm) min.; 0.0075 in. (0.19 mm) max. (tear-off mode only)
Media Types	Roll-fed or fan-fold, die cut or continuous with or without black mark, label or tag stock, continuous receipt paper, wristbands
Ribbon Outside Diameter	2.6 in./66 mm (300 m); 1.34 in./34 mm (74 m)
Ribbon Standard Length	984 ft. (300 m); 243 ft. (74 m)
Ribbon Ratio	1:4 ribbon to media (300 m) 1:1 ribbon to media (74 m)
Ribbon Width	1.33 in./33.8 mm—4.3 in./109.2 mm
Ribbon Core I.D.	300 meter ribbon 1 in./25.4 mm 74 meter ribbon 0.5 in./12.7 mm

Operating Characteristics

Operating Temp.	40° to 105° F/4.4° to 41° C
Storage Temp.	-40° to 140° F/-40° to 60° C
Operating Humidity	10% to 90% non-condensing
Storage Humidity	5% to 95% non-condensing
Electrical	Auto-detectable (PFC Compliant) 100-240VAC, 50-60Hz; ENERGY STAR certified; Energy Efficiency Level VI certified; optional 2750 mAh battery; Healthcare models include IEC60601-1 certified power supply

Options and Accessories

Media Handling	Dispenser/Peeler: label peel and present with label present sensor (factory installed or field installable) Cutter (factory installed or field installable)
Communications	802.11ac Wi-Fi and Bluetooth 4.1 (dual radio), (factory installed or field installable)
Battery	Provides power to the printer to support a full shift of printing at maximum print speed; supports all connectivity and media handling options
Carrying Case[2]	Carrying case with shoulder strap and handles makes it easy to bring your desktop printer and battery to the point of application
Keyboard Display Unit	Zebra Keyboard Display Unit (ZKDU) for stand-alone printing solutions
Media Locking Cabinet	Mechanical lock with 2 keys; Kensington® lock slot; available on ZD621 healthcare direct thermal model only
Enclosed Power Supply	Attached power supply accessory for cord-free installation

Fonts/Graphics/Symbologies

Bar Code Ratios	2:1 and 3:1
1D Bar Codes	Code 11, Code 39, Code 93, Code 128, ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2-or 5-digit extensions, Plessey, Postnet, Standard 2-of-5, Industrial 2-of-5, Interleaved 2-of-5, Logmars, MSI, Codabar and Planet Code
2D Bar Codes	Codablock, PDF417, Code 49, DataMatrix, MaxiCode, QR Code, MicroPDF, Aztec
Fonts and Graphics	16 resident expandable ZPL II bitmap fonts, two resident scalable ZPL fonts, five resident expandable EPL2 fonts, native open-type font support, Unicode compliant. China units include SimSun simplified Chinese font

Markets and Applications

Healthcare

- Prescription labels
- Lab and specimen labels
- Patient ID wristbands
- Blood and IV bag labels
- Patient record labels
- Asset labels

Printers Supplies

For industry-leading quality, service and thermal printing expertise, choose Zebra Certified Supplies to ensure consistent, optimized performance for your Zebra printer.

Regulatory

IEC 60950-1, IEC 62368-1, EN55022 Class B, EN55024, EN55035, EN61000-3-2, EN61000-3-3, FCC Class B, ICES-003, FCC 15.209; 15.247(d), IC RSS 247, EN 300 328, EN 301 893, EN 62311, cTUVus CE Marking, VCCI, C-Tick, S-Mark, CCC, CU, BSMI, KCC, SABS, IN-Metro, BIS, NOM

Environmental Compliance

Environment
• RoHS Directive 2011/65/EU; Amendment 2015/863
A complete list of product and materials compliance, please visit www.zebra.com/environment

Print DNA Software

This printer is supported by our Print DNA suite of software capabilities to get your printer up and running quickly and securely, and enable your printer to evolve with your business needs. Print DNA features may vary by model, and some features may require a license. For more information, please visit www.zebra.com/printdna

Included In The Box

Printer, empty ribbon take-up cores (1 in. and 0.5 in.)*, 300 m ribbon core adapters for non-Zebra ribbon (2)*, AC power supply, power cord(s), USB cable, Quick Start Guide, Regulatory Guide
* Empty ribbon take-up cores and ribbon core adapters included with ZD621 thermal transfer models only

Recommended Services

Zebra OneCare maintenance plans provide peak performance and device uptime while protecting your critical operations and your printers with defined service levels. For more information go to www.zebra.com/zebraonecare

Zebra OneCare Select	Comprehensive Coverage, including printheads, normal wear and accidental breakage Priority access 24x7 live technical support and software updates Advance Replacement and Express Shipping (Next Day Device Replacement) Standard Commissioning Online Return Material Authorization (RMA) support
Zebra OneCare Essential	Comprehensive Coverage, including printheads, normal wear and accidental breakage Priority access 8x5 live technical support and software updates Three-day depot repair turnaround time plus free return ground shipping Online Return Material Authorization (RMA) support

Note: Service availability may vary by region.

Product Warranty

ZD600 Series printers are warranted against defects in workmanship and materials for a minimum period of 2 (two) years from the date of shipment. Warranty varies by region. For complete warranty details, please visit www.zebra.com/warranty

Footnotes

1. ZD621 RFID model is not a healthcare-specific printer
2. Does not fit with cutter or peeler attached

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