

ZD621R 4-inch Desktop Printers

Premium features, maximum performance, RFID capabilities and unmatched security for years of use

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
- Ethernet, 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 ²
- OpenACCESS™ for easy media loading
- Dual-wall frame construction
- ENERGY STAR® certified

Physical Characteristics

Dimensions	ZD621R: 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 ZD611R: 9.56 in. L x 5.46 in. W x 6.66 in. H 242.9 mm L x 138.7 mm W x 169.2 mm H
Weight	ZD621R: 5.5 lb./2.5 kg ZD611R: 3.59 lb./1.629 kg

Printer Specifications

Operating System	Link-OS® printer operating system
Resolution	203 dpi/8 dots per mm 300 dpi/12 dots per mm (optional)
Memory	512 MB Flash; 256 MB SDRAM
Maximum Print Width	ZD621R: 4.09 in./104 mm for 203 dpi; 4.27 in./108 mm for 300 dpi ZD611R: 2.2 in./56 mm for 203 dpi; 2.13 in./54 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./6.35 mm Maximum: 39.0 in./991 mm
Media Width	ZD621R: 0.585 in./15 mm to 4.65 in./118 mm ZD611R: 0.585 in./15 mm to 2.36 in./60 mm
Media Roll Size	Maximum outer diameter: 5.00 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	0.0024 in./0.06 mm min.; 0.0075 in./0.1905 mm max. (tear-off mode only)
Media Types	Roll-fed or fan-fold, die cut or continuous with or without black mark, tag stock, continuous receipt paper, and 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	ZD621R: 1.3 in./33 mm - 4.3 in./109.2 mm ZD611R: 1.3 in./33 mm - 2.24 in./58 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

