

## Specifications

### Resolution:

203 dpi (8 dpmm)

### Print Length:

0.005 in to 39.0 in (0.125 mm to 991 mm)

### Print Width:

0.005 in to 2.2 in (0.125 mm to 56 mm)

### Print Speed:

2 in to 4 in per second (ips)

### Bar Codes:

Code 11, Code 39, Code 93, Code 128, UPC-A, UPC-E, EAN-8, EAN-13, EAN-14, UPC-A and UPC-E with EAN 2 or 5 digit extensions, Plessey, POSTNET, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, MSI, Codabar, and GS1 DataBar (formerly RSS), PDF417, MicroPDF417, Code 49, Maxicode, Codablock, Data Matrix, QR code, Aztec

### Media Specifications:

Width: 1.00 in to 2.36 in (25 mm to 60 mm)

### Label Length:

Minimum: 0.38 in (9.7 mm)

1.0 in with optional cutter

Maximum 39 in (991 mm)

Inner Core: 1.0 in

Max roll diameter: 5 in

Sensing: gap, black line, notch

Type: roll-fed, fan fold, die cut or continuous with or without black mark, tag stock

### Communication Specifications:

Centronics parallel (option)

USB

10/100 Ethernet (option)

RS-232 (TLP-standard, ZD 410-optional)

### Power:

100-240 VAC, 50-60 Hz, U.S. power cord

### Operating Temperature:

-40° F to 105° F (-40° C to 40.5° C)

### Dimensions:

(L x W x H): 4.37 x 8.5 x 6.75 in  
(111 x 216 x 171.5 mm)

### Weight:

2.7 lb

### Warranty:

One-year limited warranty



## Standard Features

- Print speeds of 4 in per second (102 mm)
- 203 dpi print resolution (8dots/mm)
- Open ACCESS™ design for easy media loading
- Direct thermal (ZD 410) and thermal transfer (TLP) printing of barcodes, text and graphics
- Fully enclosed 5.0 in (127 mm) media compartment
- Double-walled ABS case construction
- EPL and ZPL® programming language, co-resident
- 32-bit RISC processor
- 8 MB SDRAM, 4 MB flash memory
- Zebra E3 print head energy control
- Auto-calibration of media
- Five resident expandable EPL2® fonts
- Auto-switching 100 V and 240 V power supply
- Linear and 2-D bar code symbologies
- Transmissive and reflective media sensing
- Head-up sensor
- Tear-off mode
- Certified Microsoft® Windows® drivers

## Part Number/Price

Part #	Description	Est. Weight	Price
178855	ZD 410 Printer, 203 dpi, direct thermal, USB, 120 VAC U.S. power cord	6.0 lb	Consult
112875	TLP2824 Plus, 203 dpi, thermal transfer/direct, USB and Serial, 120 VAC U.S. power cord	6.0 lb	Consult

Parallel and Ethernet models available by special request

## Options/Accessories

Part #	Description	Price
178856	RS-232 option card (ZD 410 only)	Consult
178857	10 - 100 Ethernet option card (ZD 410 only)	Consult
38941	Cleaning pens for open print head printers, 12/box	Consult
38794	Cleaning cards (W x L) 2 x 6 in, 25/box	Consult
<b>Label Stock/Ribbon</b>		
110346	Direct thermal, (W x L x D) 1.2 x .85 x 5 in with perf., 2,700/LPR	Consult/roll
110347	Direct thermal, (W x L x D) 2.25 x 1.25 x 5 in with perf., 2,100/LPR	Consult/roll
40332	Direct thermal, (W x L x D) 2.25 x 2 x 5 in with perf., 1,445/LPR	Consult/roll
110348	Direct thermal, (W x L x D) 2.25 x 3 x 5 in with perf., 950/LPR	Consult/roll
110349	Direct thermal, (W x L x D) 2.25 x 4 x 5 in with perf., 700/LPR	Consult/roll
65617	Direct thermal, (W x L x D) 2.25 x 4.5 x 5 in with perf., 600/LPR	Consult/roll
126092	Thermal paper, (W x D) 2 x 5 in, 6 rolls/case	Consultcase
<b>Cables</b>		
41276	Serial cable, 6 ft (DB9 male to blunt end) (Rice Lake indicators)	Consult
79074	USB-A (male) to USB-B (male) cable, 6 ft	Consult
64794	DB9 RS-232 cable DB9F to DB9M	Consult