

SPECIFICATIONS AT A GLANCE*

Printer Name ZT220 ZT230	Ribbon characteristics (Thermal-transfer option only)	ZebraLink Solutions															
Standard Features <ul style="list-style-type: none"> • Print methods: direct-thermal or thermal-transfer (optional) • Construction: metal frame with choice of metal (ZT230) or plastic (ZT220) media cover • Bi-fold media door with large clear window • Side-loading supplies path for simplified media and ribbon loading • Element Energy Equalizer™ (E3™) for superior print quality • Bi-color LEDs for quick printer status • Icon-based LCD multilingual graphical user interface and full function keypad (ZT230) • Simple keypad (ZT220) • USB 2.0 and RS-232 serial ports • Energy Star-compliant 	Outside diameter 3.2"/81.3 mm on a 1.0"/25 mm I.D. core (ZT230)	Optional software <ul style="list-style-type: none"> • ZebraDesigner™ Pro • ZebraNet™ Bridge Enterprise • ZebraNet Setup Utilities v 7.0 • ZBI 2.0™ ZBI-Developer™ 															
Printer Specifications	Standard length 300 m/984' (ZT220) or 450 m/1,476' (ZT230)	Optional connectivity <ul style="list-style-type: none"> • ZebraNet® a/b/g/n Print Server (internal) • ZebraNet® 10/100 Print Server (internal or external) • Centronics™ parallel port (internal) 															
Resolution <ul style="list-style-type: none"> • 203 dpi/8 dots per mm • 300 dpi/12 dots per mm (optional) 	Ratio <ul style="list-style-type: none"> • 2:1 media-roll-to-ribbon ratio for ZT220 • 3:1 media-roll-to-ribbon ratio for ZT230 	Firmware <ul style="list-style-type: none"> • ZPL II® • Zebra Global Printing Solution • EPL2™ (late 2012) • Web View & Alert • ZBI 2.0 (optional) 															
Memory Standard: 128 MB flash (58 MB user-available), 128 MB DRAM	Width 1.57"/40 mm to 4.33"/110 mm	Barcode symbologies <ul style="list-style-type: none"> • Linear barcodes: Code 11, Code 39, Code 93, Code 128 with subsets A/B/C and UCC Case Codes, ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN with 2 or 5 digit extensions, Plessey, Postnet, Standard 2-of-5, Industrial 2-of-5, Interleaved 2-of-5, Logmars, MSI, Codabar, Planet Code • 2-Dimensional: Aztec, Codablock, PDF417, Code 49, Data Matrix, MaxiCode, QR Code, MicroPDF417, TLC 39, RSS-14 (and composite) 															
Print width 4.09"/104 mm	Ribbon setup Ribbon wound ink-side out, core to core	Fonts and graphics <ul style="list-style-type: none"> • 7 bitmapped, 1 smooth-scalable (CG Triumvirate™ Bold Condensed). Contains UFST® from Agfa Monotype • Pre-loaded Unicode™-compliant scalable fonts for EMEA character sets • International character sets supporting the following code page: IBM® Code Page 850 • Supports user-defined fonts and graphics, including custom logos • ZPL II drawing commands including boxes and lines 															
Print speed 6"/152 mm per second	Operating characteristics																
Media sensors Transmissive and reflective sensors	Environmental <ul style="list-style-type: none"> • Operating Temperature: 40° F/5° C to 105° F/40° C (Thermal Transfer) 32° F/0° C to 105° F/40° C (Direct Thermal) • Storage/Transport Environment: -40° F/-40° C to 140° F/60° C • Operating humidity: 20% to 85% non-condensing • Storage humidity: 5% to 85% non-condensing 																
Media characteristics <ul style="list-style-type: none"> • Maximum label and liner width: 4.5"/114 mm • Maximum non-continuous label length: 39"/991 mm 	Electrical <ul style="list-style-type: none"> • Universal auto-ranging (PFC-compliant) power supply 100-240 VAC; 47-63 Hz • Energy Star-compliant 																
Media width 0.75"/19.4 mm to 4.50"/114 mm	Agency approvals <ul style="list-style-type: none"> • IEC 60950, EN 55022 Class B, EN 55024, EN 61000-3-2, EN 61000-3-3 • cTUVus, CE Marking, FCC-B, ICES-003, VCCI, C-Tick, NOM, S Mark, CCC, GOST-R, KCC, BSMI, UkrSepco 																
Print length <ul style="list-style-type: none"> • 203dpi: 157"/3,988 mm • 300dpi: 73"/1,854 mm 	Physical Characteristics <table border="1"> <thead> <tr> <th></th> <th>ZT220 closed</th> <th>ZT230 closed</th> </tr> </thead> <tbody> <tr> <td>Width:</td> <td>9.4"/239 mm</td> <td>9.5"/242 mm</td> </tr> <tr> <td>Height:</td> <td>11"/280 mm</td> <td>10.9"/277 mm</td> </tr> <tr> <td>Depth:</td> <td>17"/432 mm</td> <td>17"/432 mm</td> </tr> <tr> <td>Weight:</td> <td>17 lbs/7.8 kg</td> <td>20 lbs/9.1 kg</td> </tr> </tbody> </table>		ZT220 closed	ZT230 closed	Width:	9.4"/239 mm	9.5"/242 mm	Height:	11"/280 mm	10.9"/277 mm	Depth:	17"/432 mm	17"/432 mm	Weight:	17 lbs/7.8 kg	20 lbs/9.1 kg	
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Maximum media roll size <ul style="list-style-type: none"> • 8.0"/203 mm O.D. on a 3.0"/76 mm I.D. core • 6.0"/152 mm O.D. on a 1.0"/25 mm I.D. core 	Options and accessories <ul style="list-style-type: none"> • Peel – a front-mount, passive-peel with no take-up spindle • Peel – a front-mount, passive-peel with liner take-up spindle (factory-fit only) • Cutter – a front-mount guillotine cutter • Real-time clock (RTC) • Keyboard Display Unit (KDU) 																
Media thickness 0.003"/0.076 mm to 0.010"/0.25 mm																	
Media types Continuous, die-cut, notch, black mark																	