

TSC MX641P vs. Zebra ZT610-600 Comparison

At print speeds up to 18 inches per second, the MX Series is among the fastest label printers on the market. The MX Series is designed to be reliable and durable and offers a 4.3-inch full color touch panel that makes operations simple. The printers use a large 600-meter ribbon that is easy to load, reducing downtime and improving productivity. Designed to last, all TSC Printronix Auto ID Performance printers feature a two-year limited printer warranty.

Model	TSC MX641P	Zebra ZT610 -600
Resolution	600 dpi	600 dpi
Print Speed (Max)	6 ips	6 ips
User Interface	16 bits Color, 480 x 272 pixel, with back light, Resistive Touch Screen, 1 power switch, 6 operation buttons	Full color, touch LCD
Print Width (Max)	4.09" (104 mm)	4.09" (104mm)
Ribbon Length	600 meter	450 meter
Media Capacity	8" OD (203 mm)	8" OD (203mm)
Media Thickness	2.99mi (0.076mm) ~ 12.01 mil (0.305mm)	3mil (0.076mm) ~ 12mil (0.3mm)
Dimensions (W x H x D)	11.81" (300mm) x 15.47" (393mm) x 20.08" (510mm)	10.66" (268mm) x 15.58" (395mm) x 19.88" (505mm)
Weight	40 lbs	50 lbs
Environment	Operation: 32°F to 104°F (0 to 40°C), 25~85% non-condensing, Storage: -40°F to 40°F (-40°C to 60°C), 10 to 90% non-condensing	40°F to 104°F (5°C to 40°C)
Languages Supported	TSPL-EZD (Compatible to EPL, ZPL, ZPL II, DPL)	ZBI 2.0, ZPL, ZPLII, XML enabled
Device Management	Web Page, TSC Console, SOTI Connect	Web View, Print DNA Software Solutions, Link-OS, SOTI, AirWatch
Connectivity	RS-232, USB 2.0 (High speed mode), Internal Ethernet, 10/100 Mbps, USB host *2 (Front side), for scanner or PC keyboard, GPIO (DB15F) + Centronics (factory option) Slot-in 802.11 a/b/g/n/ac Wi-Fi with Bluetooth 4.2 combo module (dealer option) Internal Bluetooth 5.0 MFi (factory option)	2x USB Host, USB 2.0 Data, RS232, NFC, Parallel, Ethernet 10/1000Base T, Bluetooth 4.1, Wi-Fi 802.11b/g/n/an/ac
Media Handling	Internal full rewinding kit (Max. 8" OD), Peel off module assembly, Regular guillotine cutter, Rotary heavy-duty cutter	Tear, Peel/rewind, Full batch rewind, Cutter,
RFID	See Printronix RFID printers	UHF RFID
Barcode Verification and Validation	See Printronix T6000e, T8000	3rd Party
Standalone / Downtime Mode	USB host *2 (Front side), for scanner or PC keyboard	---
Warranty	2 Years	1 Year
Starting List Price	\$4,155	\$5,000

MX641P Features



- Uses 600-meter ribbons, requiring 33% fewer changes, saving time and money
- Thermal Smart Control firmware offers premium print quality, even at 18 inches per second print speed
- Ribbon and labels can be loaded from the side saving valuable time when changing consumables
- Full color LCD touch display for ease of use
- Features excellent calibration and registration for printing very small labels, down to 3mm high
- Compatible with major printer languages and works in any IT environment including Oracle, SAP, Unix, AS/400, Windows, standalone and more