

# Desktops



## Desktop Size Industrial Performance

Featuring the  
CLP 521, CLP 621 and CLP 631  
CLP 521Z, CLP 621Z and CLP 631Z  
Available in white and dark grey cases

**CITIZEN**  
Micro HumanTech



## Engineering Excellence

We "design in" reliability and engineering excellence from the very beginning. It all comes from our history of watch production where precision and quality is of the highest importance.

Our products have all-metal mechanisms, giving them industrial strength and reliability but in a desktop package - and at a desktop price!

The power supply is built inside the printer for reliability meaning no external black boxes that can be damaged, broken or accidentally unplugged saving vital time.

## Simplicity Itself

All Citizen printers are designed with ease of use in mind. Our industry-leading Hi-Lift™ mechanism makes media loading as simple as laying the media on the printer and closing the print head.



Ribbon changing on the thermal transfer printers takes just seconds with detachable ribbon holders for easy loading. The ARCPT™ system automatically tensions the ribbon throughout the length of the media removing any wrinkles.

Ease-of-use continues with simple but powerful control panel systems and colour-coded user adjustments.



## Superior Connectivity

Citizen knows that connectivity is key so the printers have three high performance internal interfaces as standard: a high-speed parallel interface (called an "IEEE1284"), a fast USB interface and an RS232C serial interface operating up to 115,000 bps.

For networked connectivity, you can quickly and easily install in internal Ethernet card or an internal wireless LAN card. Internal interfaces are very important for reliability and are far less likely to get damaged in a rough environment.



## Low Cost Of Ownership

Citizen makes sure that all the consumables - especially the print heads for our label printers - are priced sensibly making our printers economical to run.

If you need to clean or service our printers, their clever and innovative design means they are quick and easy to service reducing your on-going support costs still further. Print heads and platens can be replaced in less than a minute with the minimum of tools.



## Flexibility - Options And Extras

The easily-installed cutter is ideal for ticketing applications or other places where card tags and continuous media must be cut in to particular lengths.

The peeler includes a sensor to check when a label has been removed before printing the next one. This is perfect for post rooms, shipping desks or even production lines where easy label application is required.



For specialist applications, the CLP 631 prints at 300 dpi making it ideal for small labels and rating plates featuring logos and graphics.



## Value For Money - Peace Of Mind



All of Citizen's barcode printers have a manufacturer's two-year warranty on the printer and mechanism.

All though we don't expect that you need it, we like to give you the peace of mind that your printer is covered in case of any problems.

So, you can buy a Citizen printer confident in the knowledge that it is extremely reliable, highly flexible and not going to cost you the earth to run and operate.



## Peeler Tech Specs

Fits	CLP 521, 621, 631 + Z models
Type	S-bend dual roller
Roller Type	Silicone rubber
Liner Thickness	0.0027 inches, 0.07mm (max)
Label Thickness	0.0067 inches, 0.17mm (max)
Liner Width	1 inch, 25.4mm (min)
Liner Width	4.65 inches, 118mm (max)
Label Length	1 inch, 25.4mm (min)
Label Length	Table top: 4.72 inches, 120mm (max) Table edge: 32 inches, 812mm (max)
Label width	To be narrower than liner
Number of Labels	100 Km or 1 million peeled labels (when using specified media)
Present Sensor	Infrared reflection diode
Size (WxDxH)	145 x 37 x 39 (uninstalled)

## Cutter Tech Specs

Fits	CLP 521, 621, 631 + Z models	
Type	Guillotine	
Media Thickness	0.0024 inches, 0.06mm (min)	
Media Thickness	0.01 inches, 0.25mm (max)	
Cut Length	Minimum: 1.00 inch, 25.4 mm Maximum: determined by software	
Number/Cuts Media thickness	300,000 cuts 0.06-0.15mm	100,000 cuts 0.15-0.25mm
Type of Media	Card or ticket media, Adhesive labels (Cut quantity may not be guaranteed with adhesives) Fanfold or Roll media. (Roll media should be on a minimum 50mm core.)	
Cut tolerance	± 1 mm horizontal + vertical	
Size (WxDxH)	149 x 51 x 76 (uninstalled)	
Weight	0.49 Kg (approx)	

## Contact Information

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Part: 1200341. Version: 0507-Eng

# Tech Specs

Models	CLP 521 CLP 521Z	CLP 621 CLP 621Z	CLP 631 CLP 631Z
Technology	Direct Thermal	Thermal Transfer & Direct Thermal	
Resolution	203 dpi (8 dots/mm)		300 dpi (12 dots/mm)
Max Print Speed	4 inches / sec, 100 mm / sec		
Max Print Width	4.10 inches, 104.1 mm		
Max Media Width	4.65 inches, 118.1 mm		
Min Media Width	1.00 inches, 25.4 mm		
Max Media Length	32 inches, 812mm (64 inch option)		32 inches, 812mm
Max Roll Size	5 inches, 125 mm outside diameter (internal) 8 inches, 200 mm outside diameter (external option)		
Min Core Size	1.0 inch, 25 mm core		
Media Sensor	Fully adjustable		
Media Thickness	0.0025 - 0.01 inches, 0.635 - 0.254 mm		
Ribbon Size (OD)	Not applicable - direct thermal only	2.9 inches, 74 mm	
Ribbon Length		Nominally 360m length	
Ribbon Winding		Ink side in or out, switch selectable	
Ribbon Type		Wax, Wax/Resin or Resin Type	
Ribbon System		ARCP™ automatic ribbon tension adjustment	
Standard Interfaces	Parallel (IEEE-1284), Serial (RS-232C), USB		
Optional Interfaces	Ethernet (10/100 BaseT), Wireless LAN (802.11b)		
Case Type	Hi-Open™ plastic case		
Mechanism Type	Hi-Lift™ metal mechanism		
Control Panel	4 buttons and 4 LEDs		
RAM Memory	8.0 Mb total, 0.5 Mb available for user		
Flash (NV) Memory	2.0 Mb total, 0.5 Mb available for user		
Emulations (Languages)	CLP 521, 621, 631: Datamax® I-Class™, DMX400™, Prodigy Plus® CLP 521Z, CLP 621Z, CLP 631Z: Zebra® ZPL-II®		
Windows® drivers	Free-of-charge on CD with printer		
Label Design Software	Including support for Windows® Vista™		
Size (W x D x H)	231 x 289 x 183mm	231 x 289 x 270 mm	
Weight (approx)	7.9lbs, 3.6 kg	9.9lbs, 4.5 kg	
Printer Warranty	2 Year Manufacturer's Warranty		

### Supplier Information