

NETUM D420 Direct Thermal Label Printer Specifications

	PRODUCT OVERVIEW	
	Model	D420
	Product Type	Direct Thermal Label Printer

Print Performance	
Printing Method	Direct thermal line printing
Resolution	203 dpi (8 dots/mm)
Print Speed	160 mm/s
Effective Print Width	25-100 mm (maximum 800 dots)

Media	
Paper / Media Width	Maximum 104 mm
Media Types	Continuous paper, label paper, fanfold paper
Maximum Roll Diameter	Maximum 100 mm
Paper / Media Thickness	0.06-0.30 mm
Sensors	Transmissive sensor

Connectivity & Software	
Interfaces	USB; USB + Ethernet; USB + Bluetooth; USB + Wi-Fi (choose configuration)
Compatibility	Windows 2003 / 7 / XP / 8 / 10 / 11; macOS; iOS / Android (compatible connection and software required)
Command Languages	TSPL / CPCL; ESC/POS optional

Barcodes & Memory	
1D Barcodes	UPC-A, UPC-E, JAN13 (EAN13), JAN8 (EAN8), CODE39, ITF, CODABAR, CODE93, CODE128
2D Barcodes	QR Code, PDF417
Fonts	11 font sizes

Power & Physical Specifications	
Power Supply	DC 24 V / 2.5 A

Environment & Reliability	
Operating Temperature	0-45 °C
Operating Humidity	10-80% RH
Storage Temperature	-20-60 °C
Storage Humidity	5-95% RH
Reliability	Print mechanism life: 50 km or 100 million pulses
Noise	Less than 60 dB
Other Specifications	
Additional Details	Downloaded logo printing with the optional ESC/POS configuration.