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<b>Print method receipt</b>	Thermal line printing
<b>Print method slip</b>	9-pin serial impact dot matrix
<b>Technology</b>	Hybrid

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## Fonts & Styles

<b>Print Speed receipt</b>	350 mm/sec
<b>Print Speed slip</b>	5.70 lps (40 columns, 17.80 cpi)
<b>Printing Font</b>	ANK
<b>Column capacity receipt</b>	Paper width 80 mm, 42 / 56
<b>Column capacity slip</b>	45 cps / 60 cps
<b>Character size receipt</b>	1.41 mm (W) x 3.39 mm (H) / 0.99 mm (W) x 2.4 mm (H)
<b>Character size slip</b>	1.56 mm (W) x 3.11 mm (H) / 1.24 mm (W) x 3.11 mm (H)
<b>Character set</b>	95 Alphanumeric, 18 set International, 128 x 12 Graphic
<b>Dot density</b>	180 DPI x 180 DPI
<b>Printing Characters</b>	Text (incl. Euro symbol), Graphics, Barcode

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## Paper

<b>Copy capability slip</b>	three copies plus one original
<b>Paper size roll paper</b>	79.50 ± 0.50 (W) mm x dia 83.00 mm
<b>Paper size slip</b>	68 - 230 mm (W) x 68 - 297 mm (H), Min 68 - 152 mm

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## Interfaces

<b>Interfaces</b>	USB 1.1 Type B, USB 2.0 Type A, RS-232, Wired Network, Drawer kick-out, Customer Display
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## Data Buffer

<b>Data Buffer</b>	4 kB or 45 Bytes
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## Power

<b>Power Supply</b>	PS-180 & EURO AC cable
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<b>Operating Voltage</b>	24 V
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## General

<b>Product dimensions</b>	186 x 278 x 181 mm (Width x Depth x Height)
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<b>Product weight</b>	4.4 kg
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<b>Colour</b>	Black
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<b>Noise Level</b>	Standby: 55 dB (A)
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<b>Humidity</b>	Operation 10% - 90%, Storage 10% - 90%
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<b>Temperature</b>	Operation 5° C - 45° C, Storage -10° C - 50° C
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## Reliability

<b>Reliability Receipt Printing</b>	96,000,000 MCBF (Lines), 360,000 MTBF (Hours)
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<b>Reliability Slip Printing</b>	65,000,000 MCBF (Lines), 180,000 MTBF (Hours)
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<b>Auto Cutter Life</b>	3,000,000 Cuts
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<b>Printer life receipt unit</b>	20,000,000 lines
<b>Printer life slip unit</b>	27,000,000 lines ( 12 million carriage returns)
<b>Ribbon life slip</b>	4,000,000 characters
<b>Print Head Life receipt unit</b>	200 km
<b>Print Head Life slip unit</b>	200,000,000 Mio Characters

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## Standards Compliance

<b>EMC Standards</b>	CE marking, EN55024, EN55032 Class A, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-11, Directive 2014/30/EU
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## Other Features

<b>Changeable interface</b>	Yes
<b>NFC</b>	Near Field Communication available
<b>Cutter</b>	Partial Cut
<b>Preloaded SW</b>	Server Direct Print, ePOS-Display, ePOS-Print®
<b>Sensors</b>	Middle of Paper pass sensor, Front cover open sensor, Roll paper cover open sensor, Paper End Sensor, Top of Form sensor, Bottom of Form sensor, Slip eject sensor, Receipt near-end sensor
<b>Greyscale Printing</b>	Yes
<b>Paper Saving Function</b>	Yes

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## What's in the box

<b>What's in the box</b>	AC adapter, AC cable, Connector Cover, Power switch cover, Ribbon cartridge (slip), Roll paper, Setup guide
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