Technical Information

INPUT/OUTPUT DEVICES

www.gebe.net

Thermal Printer

GeBE-COMPACT Plus Linerless GPT-467x-LL

TECHNICAL INFORMATION

C32

Highlights at first sight:

- built-in thermal printer in modular version
- linerless cutter for full cut
- suitable for linerless paper printouts of text, graphics and barcodes
- for paper width 51 – 80 mm, paper thickness 70 – 120 µm and paper roll diameter up to 150 mm
- high quality print of 203 dpi with speed up to 250 mm/s

GeBE Elektronik und
Feinwerktechnik GmbH
Beethovenstraße 15
82110 Germering
Germany

phone +49.89.894141-0
fax +49.89.894141-33

email info@gebe.net
Internet www.gebe.net

GeBE-document-no. GPT-467x-LL-C32-E-TI-V1.1-0985
date May 29, 2020

The GeBE-COMPACT Plus Linerless

The built-in thermal printer GeBE-COMPACT Plus with linerless cutter is particularly suitable for papers without liner material (linerless). The material of the platen as well as the cutter knife is adhesive-repellent whereby linerless paper is transported and cut off without any problems. The linerless papers are also much more environmentally friendly, as no carrier material has to be disposed of as hazardous waste.

The wide range of available layout commands and several character sizes allow an attractive ticket design.

Due to the specification for linerless papers, the printer can be used in a temperature range of -10°C to +40°C (14°F to 104°F).

Typical application

- Logistic
- Retail

Drivers

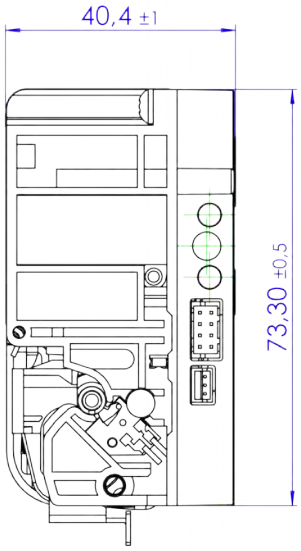
The printer controllers GCT-46620 and GCT-46632 will be supported by following drivers:

- Windows® CE 5.0, 6.0, 7.0 and Windows® 7, 8, 8.1, 10
- Cups for Linux Ubuntu 16.04 LTS (others on request)
- SDK for Windows® CE 6.0, 7.0 and Windows® 7, 8, 8.1, 10, Android Studio up from version 3.2.1, Linux Ubuntu 16.04 LTS, (others on request)

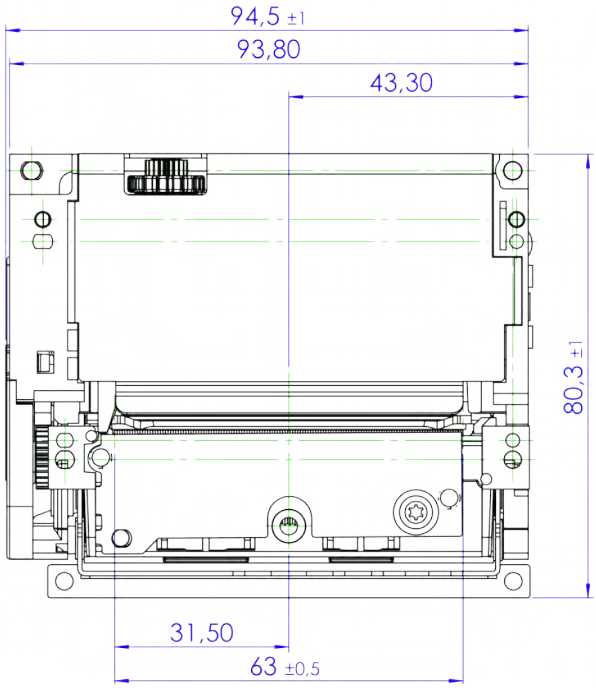
Accessory

Article number	Article description	GPT-4672-LL	GPT-4673-LL
Cable			
12872	Data round cable USB 2.0 FS, 5 pin, Molex to USB A, length 2,000 mm (78.74 inch)	x	x
10258	Power supply cable for 10 – 36 VDC, 2 single wires 1.0 qmm with end splice, one side open, length 500 mm (19.69 inch)	x	x
11352	Data round cable RS232, 5 pin, JST SHR to Sub-D, length 1,000 mm (39.37 inch)	x	
11387	Data cable RS232, 5 pin, JST SHR - one side open, length 500 mm (19.69 inch)	x	
Power supply			
13694	Power supply 24 VDC / 6.5A with shockproof plug and power supply cable	x	x
Spare parts			
14112	Linerless platen		x
14113	Linerless support platen		x
Options			
14130	Exit sensor incl. sensor holder for controller with PHDR8 connector	x	
14177	Exit sensor incl. sensor holder for controller with SHR6 connector		x
Paper			
14171	7 years paper • roll: max. ø 100 mm (3.94 inch) • core inside: ø 40 mm (1.57 inch) • width: 57.5 ±0.5 mm (2.26 ±0.02 inch) • paper thickness: approx. 90 µm (3.54 mil) • outside coated • running length: approx. 65 m (71.08 yd) • linerless	x	
14172	7 years paper • roll: max. ø 110 mm (4.33 inch) • core inside: ø 40 mm (1.57 inch) • width: 57.5 ±0.5 mm (2.26 ±0.02 inch) • paper thickness: approx. 90 µm (3.54 mil) • outside coated • running length: approx. 80 m (87.49 yd) • linerless	x	
14173	7 years paper • roll: max. ø 120 mm (4.72 inch) • core inside: ø 40 mm (1.57 inch) • width: 57.5 ±0.5 mm (2.26 ±0.02 inch) • paper thickness: approx. 90 µm (3.54 mil) • outside coated • running length: approx. 100 m (109.36 yd) • linerless	x	
14174	7 years paper • roll: max. ø 150 mm (5.91 inch) • core inside: ø 40 mm (1.57 inch) • width: 57.5 ±0.5 mm (2.26 ±0.02 inch) • paper thickness: approx. 90 µm (3.54 mil) • outside coated • running length: approx. 175 m (191.38 yd) • linerless	x	
14175	7 years paper • roll: max. ø 100 mm (3.94 inch) • core inside: ø 40 mm (1.57 inch) • width: 79.5 ±0.5 mm (3.13 ±0.02 inch) • paper thickness: approx. 90 µm (3.54 mil) • outside coated • running length: approx. 65 m (71.08 yd) • linerless		x
14176	7 years paper • roll: max. ø 150 mm (5.91 inch) • core inside: ø 40 mm (1.57 inch) • width: 79.5 ±0.5 mm (3.13 ±0.02 inch) • paper thickness: approx. 90 µm (3.54 mil) • outside coated • running length: approx. 175 m (191.38 yd) • linerless		x

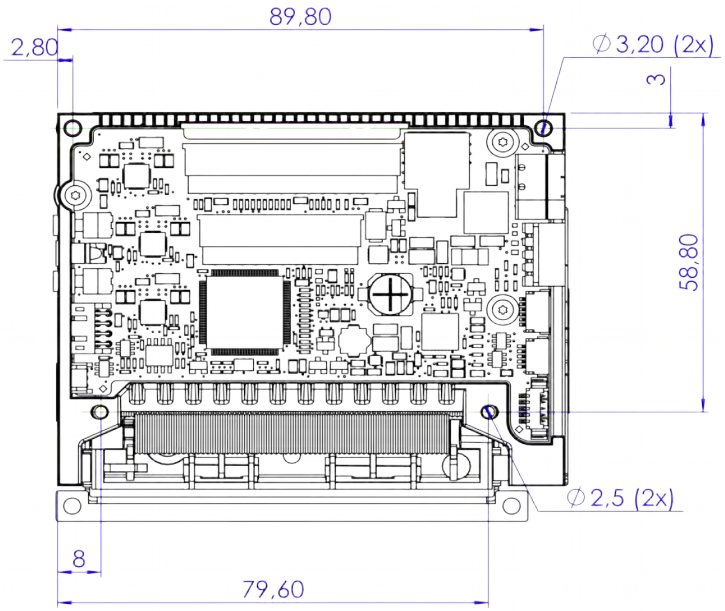
Technical drawings



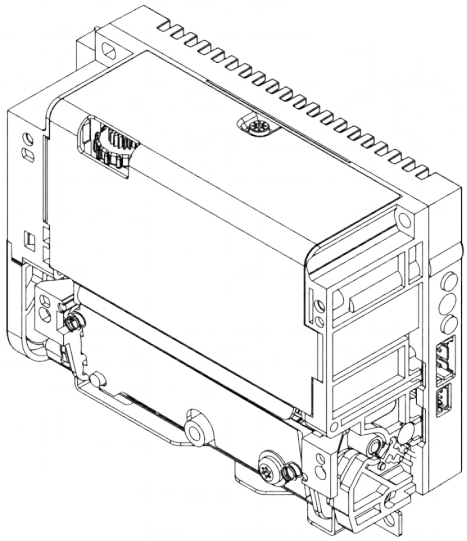
Side view from the right



Front view



Back view

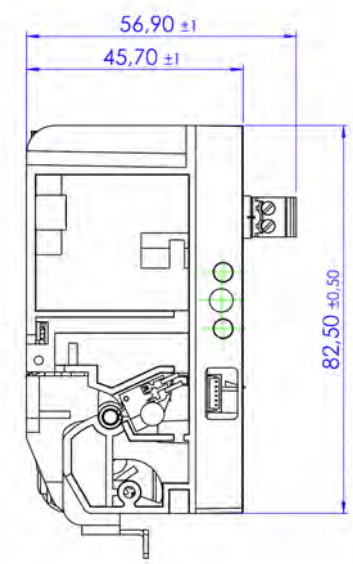


3D view

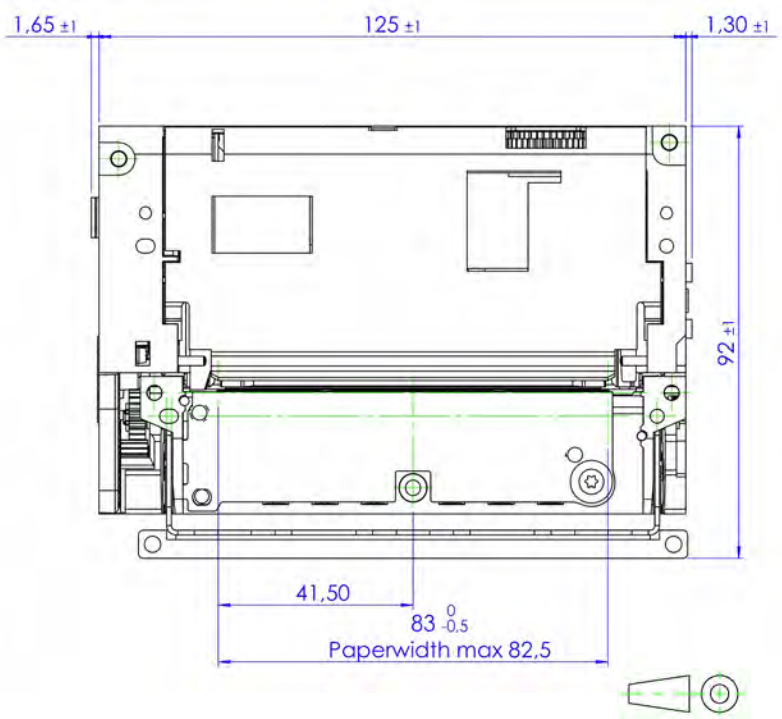
Figure 1: Dimensions GeBE-COMPACT Plus Linerless GPT-4672 (for 60 mm paper width) in mm

GeBE Elektronik und Feinwerktechnik GmbH
Beethovenstraße 15
82110 Germering
Germany

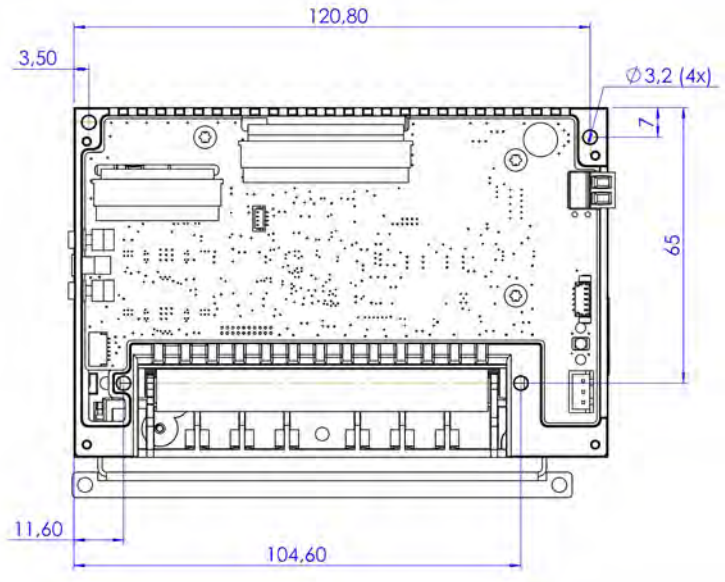
phone +49.89.894141-0
fax +49.89.894141-33
email info@gebe.net
Internet www.gebe.net



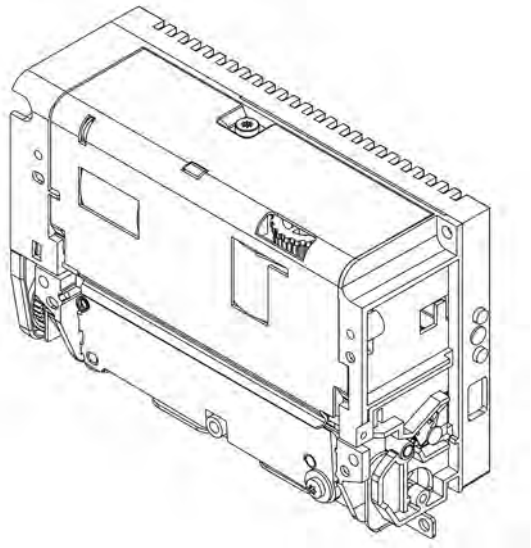
Side view from the right



Front view



Back view



3D view

Figure 2: Dimensions GeBE-COMPACT Plus Linerless GPT-4673 (for 80 mm paper width) in mm

GeBE Elektronik und
Feinwerktechnik GmbH
Beethovenstraße 15
82110 Germering
Germany

phone +49.89.894141-0
fax +49.89.894141-33

email info@gebe.net
Internet www.gebe.net

Technical data details

	GPT-4672-LL	GPT-4673-LL
Insert paper	easy paper loading	
Print procedure	thermal direct print	
Resolution	8 dots/mm (203dpi), 448 dots/line	8 dots/mm (203dpi), 640 dots/line
Print speed	max. 250 mm/s (9.84 inch/s), depending on printer mechanism and settings	
Paper width	51 – 60 mm (2.01 – 2.36 inch)	58 – 80 mm (2.28 – 3.15 inch)
Print width	56 mm (2.20 inch)	80 mm (3.15 inch)
Paper thickness	70 – 120 µm (2.76 – 4.72 mil)	
Paper roll diameter	max. 150 mm (5.91 inch) with paper roll holder	
Supply voltage	24 VDC ±10%	
Current consumption print	adjustable via command: approx. 3.0 – 12.0 A (peak)	
Current consumption without print	approx. 80 mA (depending on interface)	
Available interfaces	USB 2.0 FS, RS232	USB 2.0 FS
Fonts	11 fonts extendable, UTF-able	
Barcode	EAN8, EAN13, UPCA, Code 39, 2of5int, Code 128, QR Code	
MTBF*)	100 km (62 miles) / 500,000 cuts (depending on paper)	
Dimensions (W x H x D)	95 x 81 x 41 mm (3.74 x 3.19 x 1.61 inch)	125 x 93 x 46 mm (4.92 x 3.66 x 1.81 inch)
Weight	approx. 295 g	approx. 505 g
Environment**)	-10°C – +40°C (14°F – 104°F), due to linerless paper specification	
Humidity	10 – 90 % relative humidity, without condensation	
Storage condition	-20°C – +70°C (-4°F – +158°F) at 10 – 90 % relative humidity, without condensation	

*) Life cycle according to mechanism testing conditions of the manufacturer with specified paper only. Please inquire. The life cycle of the print head is an averaged expectable performance and no guaranteed data. Under optimum conditions, the above listed data can be achieved using specified paper according to our documentation TI-DE-0606.
**) In case the print head reaches the maximum ambient temperature, the printer will interrupt operation until cooling down and sends an error message.

GeBE Elektronik und
Feinwerktechnik GmbH
Beethovenstraße 15
82110 Germering
Germany

phone +49.89.894141-0
fax +49.89.894141-33

email info@gebe.net
Internet www.gebe.net