

DATASHEET.

Orient Technologies BTP-R580

BTP-R580

**PROFESSIONAL SPILL-PROOF
DESIGN AND FRONT PAPER EXIT**

VERY ADVANCED HIGH-SPEED AND VERSATILE PRINTER

POS

Thermal printer

www.orient-technologies.com

Applications:

Kitchen
Retail
Hospitality
Logistics
Coupon
Lottery

Standard features at a glance:

- Professional spill-proof and meets IPX1 standard
- Print speed up to 230mm/s
- Front paper exit
- Paper roll diameter up to 100mm
- Supports various interfaces
- Supports marked paper
- Compatible with the HERALD kitchen alarm system
- Internal power supply

BTP-R580

Thermal POS printer



Print

Print Method	Line direct thermal
Resolution	203 DPI x 203 DPI
Print width	80 mm (Max.)
Print speed	230 mm/s (Max.)
Memory	RAM: 2 MB, FLASH: 2 MB
TPH overheating protection	Thermal sensor
TPH position	Micro switch
Sensors	Paper near end sensor, paper end sensor
Drivers	Windows drivers (Win98 / NT / 2000 / XP / 2003 / VISTA)
Interface	Daughter boards: Parallel (IEEE1284), Serial (RS-232 / 485 / 422), USB, Ethernet, WLAN (Wi-Fi)
Cash drawer control	1-2 cash drawers

Barcodes Fonts Graphics

Bar Code Supported	1D: UPC-A, UPC-E, EAN-8, EAN-13, CODABAR, CODE39, ITF, CODE128, CODE93 2D: PDF 417, QR CODE, MAXICODE
Fonts	Font A (12 x 24), Font B (9 x 17), Big Font (24 x 24)
Character modification	Rotate (0°, 90°, 180°, 270°), enlarges (1-6X), emphasize, underline, reverse
Graphic printing	Direct bitmap print: support bitmap and execute quick print Download bitmap into 12 KB buffer FLASH bitmap download: the buffers size is 256 KB

Paper

Paper type	Continuous paper, Marked paper
Paper thickness	0.06 mm ~ 0.1 mm
Paper width	82.5 ± 0.5 mm, 80 ± 0.5 mm, 57.5 ± 0.5 mm
Paper roll OD	100 mm (Max.)
Paper cut	Full cut, Partial cut, Tear off

Power supply

Input	100~240 VAC, 50~60 Hz
-------	-----------------------

Reliability

Printer head lifetime	150 Km
Cutter lifetime	2.000,000 cuts (standard thermal paper, 65±5 µm)

Environment

Operating conditions	5°C to 45°C, 20% to 90% RH (40°C)
Storage conditions	-40°C to 60°C, 20% to 93% RH (40°C)

Physics Spec.

Dimensions	147 (W) x 205 (D) x 151 (H) mm
Weight	Approx. 1.6 kg



Full spill proof design
This design is suitable especially in environments like kitchens and bars.



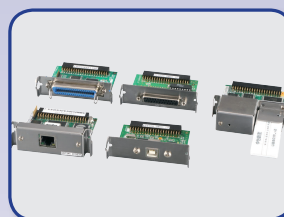
Easy paper loading.
Open top cover, insert paper roll, close top cover and print.



Optional HERALD
Kitchen alarm system
Specially designed for noisy environments like kitchens.



Straight paper path for
reliable printing



Optional interfaces
Modular interfaces (so-called "interface boards") include Serial, Parallel, USB, Ethernet and WLAN which can be configured by the user.



ORIENT Technologies bv

Meerheide 115, 5521 DX Eersel, The Netherlands
Phone: +31 (0)497 331080, Fax: +31 (0)497 386430
www.orient-technologies.com

The specifications are subject to change without notice and shall not be regarded as a warranty. All product and company names are trademarks, service marks or registered trademarks of their respective owners.

AVNET EMBEDDED OFFICES.

DENMARK

Avnet Embedded
Avnet Nortec A/S
Ellekær 9
2730 Herlev
Phone: +45 3678 6250
Fax: +45 3678 6255
denmark@avnet-embedded.eu

FINLAND

Avnet Embedded
Avnet Nortec Oy
Pihatörmä 1 B
02240 Espoo
Phone: +358 20 749 9 260
Fax: +358 20 749 9 280
finland@avnet-embedded.eu

FRANCE

Avnet Embedded
Avnet EMG France SA
Immeuble 154, Parc Chene 2
5, allée du General Benoist
69500 Bron
Phone: +33 4 72 81 02 30
Fax: +33 4 72 81 02 34
bron@avnet-embedded.eu

Avnet Embedded
Avnet EMG France SA
14 avenue Carnot
F-91349 MASSY Cedex
Tel: +33 (0)1 64 47 29 29
Fax: +33 (0)1 64 47 99 99
paris@avnet-embedded.eu

Avnet Embedded
Avnet EMG France SA
Les Peupliers II
35 avenue des Peupliers
35510 Cesson-Sévigné
Phone: + 33 2 99 77 37 02
Fax: + 33 2 99 77 37 01
rennes@avnet-embedded.eu

GERMANY (AUSTRIA, CZECH REPUBLIC, HUNGARY, POLAND, SWITZERLAND)

Avnet Embedded
Avnet EMG GmbH
Gruber Straße 60c
85586 Poing
Phone: +49 8121 775 500
Fax: +49 8121 775 550
poing@avnet-embedded.eu

Avnet Embedded
Avnet EMG GmbH
Lötscher Weg 66
41334 Nettetal
Phone: +49 8121 775 500
Fax: +49 8121 775 550
nettetal@avnet-embedded.eu

ITALY (PORTUGAL, SPAIN)

Avnet Embedded
Avnet EMG Italy SRL
Via Manzoni, 44
20095 Cusano Milanino
Phone: +39 02 660 92 1
Fax: +39 02 660 92 498
milano@avnet-embedded.eu

NETHERLANDS (BELGIUM, LUXEMBOURG)

Avnet Embedded
Avnet B.V.
Takkebijsters 2
4817 BL Breda
Phone: +31 76 5722400
Fax: +31 76 5722404
benelux@avnet-embedded.eu

SWEDEN (NORWAY)

Avnet Embedded
Avnet Nortec AB
Esplanaden 3 D
172 67 Sundbyberg
Phone: +46 8 564 725 50
Fax: +46 8 760 01 10
sweden@avnet-embedded.eu

UNITED KINGDOM (IRELAND)

Avnet Embedded
Avnet EMG Ltd.
Pilgrims Court, 15/17 West Street
Reigate, Surrey, RH2 9BL
Phone: +44 1737 227800
Fax: +44 1737 244698
uk@avnet-embedded.eu

All trademarks and logos are the property of their respective owners. This document provides a brief overview only and is not intended to be complete or binding offer. Product information, including information related to a product's specifications, uses or conformance with legal or other requirements, is obtained by Avnet from its suppliers or other sources deemed reliable and is provided by Avnet on an "As Is" basis. Avnet makes no representation as to the accuracy or completeness of the product information and Avnet disclaims all representations, warranties and liabilities under any theory with respect to the product information, including any implied warranties of merchantability, fitness for a particular purpose, title and/or non-refrangement. All product information is subject to change without notice.