



PR all-in-one system
built-in Receipt printer



System + 80mm Receipt printer + Touch Monitor

My POS System !

3-in-1 Does It All



A New Beauty is Born

Birch PR all-in-one system built-in 80mm receipt printer asserts the legend's role as a paragon of innovation in the POS (point-of-sale, and point-of-service) market.



PR series system designed based on "Modular Concepts".

The dedicated A8 aluminum desktop trunk can be mounted onto any size of Birch PP/PT/PZ series, which is more flexible for you to control over your inventory load.

Birch struggles for POS systems that appear quite simple, but when you look really closely, have a tremendous amount of detail in them. Birch PR system design philosophy is based on innovations of internal and external structure, creating a completely new working experience for your business.

We try to evolve PR (My POS system) design in more exciting ways, it is not limited to the product configurations or functions, we have PR (My POS system) with more excellent advantages----Flexibility in applications, Easiness in inventory load controls.

PR system = Panel PC (PP) + A8 Desktop Trunk

Modular design

Flexible controls

Multiple applications

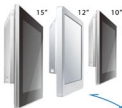




A8 desktop Trunk

Seamlessly merge elements of Distinction and Small foot-print design for printing.

With distinctive and aluminum chassis, A8 trunk's state-of-the-art design comes as no surprise. But it is not the only attraction on this product design concepts. A8 trunk helps you enjoy a great experience of innovations in designs, flexibility in applications and easiness in your inventory controls.



For any size

A8 aluminum trunk is **built-in VESA75** for any size of Birch Panel PC (called as PP) series, or even Birch PT series by just remove the aluminum high stand (called as A2). It is so user-friendly. The advantage of Birch design offers you more flexible control over your inventory load.

Front and side design

Besides the state-of-the-art design made of aluminum chassis, A8 actually supports very user-friendly device on the printing.

Invoice front-out.



Paper roll front-in and easy drop-in device.

Smart touch feed button with colorful indication for printer status.

Water-split proof with internal water driven-out device



Rear-back design

On the top of A8 trunk, it is standard VESA75 for connecting Birch PP series, furthermore, A8 offers the good cable management device and has a unique "Closet" space for adapter loading.



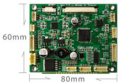
BP-001 Mini receipt printer

The most compact/sleek in its class

Unlike the general functions and me-too designs from competitors' printers, there's the sensation you can breathe on BP-001. It is the strong, intelligent and confident simplicity of design with advanced technologies.



Aluminum chassis + Mini + powerful



Advanced technologies

BP-001 built-in advanced **32 bit** "STM microelectronics" CPU and with specially compressed firmware on chipset, which enhances the printing speed **without too much memory** built-in.

Mini and Aluminum chassis

With the **smallest printing control board**, BP-001 could be the smallest receipt printer in its class. BP001 supports adjustment adjustments on 13-degree printing darkness level and FEED position.



SII

200mm/second print speed

BP-001 built-in SEIKO printer mechanism #CAPD347(printer-head and AutoCutter) to assure of the high quality. Together with professional printing control board, the sprint speed can be up to 200mm/second.



(supports **80mm** diameter paper roll)



More functions

- Multi-language support: Through driver settings, BP-001 supports the multi-language
- Supports RS-232 + USB(standards), option for RS232+ USB + Ethernet
- supports Black mark sensor
- Wall mount device
- Firmware upgradeable



Available Panel PC systems

Any size of Birch panel PC systems can become PR all-in-one system with 80mm thermal receipt printer built-in just by mounted A8 dedicated desktop trunk. It is easy, simple and flexible.



Available

Size	Resolutions	M/B	Fan	TFT Touch	Bezel
10"	1024 x 768	Dual Core D525(1.8G)	yes	LED PCT touch	zFLAT
10"	1024 x 768	DualCore N2800(1.86G)	No	LED PCT touch	zFLAT
12"	1024 x 768	Dual Core D525(1.8G)	yes	CCFL 5-wire resistive	
12"	1024 x 768	DualCore N2800(1.86G)	No	CCFL 5-wire resistive	
15"	1024 x 768	Dual Core D525(1.8G)	yes	CCFL 5-wire resistive	tFLAT
15"	1024 x 768	DualCore N2800(1.86G)	No	CCFL 5-wire resistive	tFLAT

BP-001 Technical Specifications

Printing Method	Direct Thermal
Printing Direction	Line Printing
Max Print Width	79.5mm +/- 0.5mm
Effective Print Width	72mm
Character Size	Font A: 1.5 x 3mm ; Font B: 1.13 x 2.13mm
Character per line	Font A: 48 columns ; Font B: 64 Columns
Printing Speed	200mm/s
Printer Density	576 dot/line
Printer Life	100Km
Serial Port	Up to 115200 bps baud-rate
USB Port	USB 2.0
Cash Drawer Port	DV 24V/1A, 6 wires RJ-11 socket
ASCII code	
Chinese	
Barcode	Big 5 or GB UPC-A, UPC-E, EAN-13, EAN-8, Code 39, Code 128, ITF-25, QR code, PDF417
Beep Tone	Standard for Head Open or Paper End. Driver setting for After Printing
Black mark	Supported
Print Commands	ESC/POS compatibles
RAM	256K bytes
Paper width	79.5mm +/- 0.5mm
Max. Roll Diameter	80mm
Paper Thickness	53.0~80.0 g/m2
Auto Cutter	Life span: 1,000,000 cuts
Operating	5 ~ 50 degree C; 10% RH ~ 80% RH
Storage	-20 ~ 60 degree C; 10% RH ~ 90% RH
Input	100V ~ 240V AC, 50-60Hz
Output	24V DC / 2.5A
Weight	A8 trunk/3.5kgs BP-001/2.5kgs



PR all-in-one system built-in Receipt printer

Great PR - My POS system A stunning modern solution for your printing

PR-My POS system inspires and assists your perfect experience whatever you like. Based on any size of Birch Panel PC (PP) series and A8 trunk, you can have your any type of receipt printing so easy and professional, furthermore PR solutions help you keep everything at your cashier counter so clean and minimal.



Ordering information:

You can order either PR finished goods as below or A8 trunk to work with Birch any size of Panel PC (PP) series.

PR finished goods

15"	PR(D525)	non true-Flat	= PP7000DQ-15B + A8-100SU
15"	PR(N2800)	non true-Flat	= PP7000CQ-15B + A8-100SU
12"	PR(D525)	non true-Flat	= PP6000DS-12B + A8-100SU
12"	PR(N2800)	non true-Flat	= PP6000CS-12B + A8-100SU

15"	PR(D525)	tFLAT true-Flat	=PP7000D0-15S + A8-100SU
15"	PR(N2800)	tFLAT true-Flat	=PP7000C0-15S + A8-100SU

10"	PR(D525)	zFLAT true-Flat	=PP6000D2-10S + A8-100SU
10"	PR(N2800)	zFLAT true-Flat	=PP6000C2-10S + A8-100SU

AB trunk(A8-100SU) w/receipt printer built-in

BP-001 80mm receipt printer



BIRCH [®] www.birch.com.tw

BIRCH TECHNOLOGY INC. 7F-13, No. 79, Hsin Tai 5Th Road, Sec 1, Hsichih Dist, New Taipei City, Taiwan
Tel: +886-2-2698-9596 Fax: +886-2-2698-9597
e-mail: sales@mail.birch.com.tw