BIRCH®

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

PR

🟧 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) + A8II Desktop Trunk
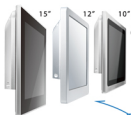
Modular design

Flexible controls

Multiple applications

A8ll desktop Trunk

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

With distinctive and aluminum chassis, A8ll trunk's state-of-the-art design comes as no surprise. But it is not the only attraction on this product design concepts. A8ll trunk helps you enjoy a great experience of innovations in designs, flexibility in applications and easiness in your inventory controls.

15" 12" 10"

For any size

A8ll 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, A8ll actually supports very user-friendly device on the printing.

Invoice front-out.

Smart touch feed button with colorful indication for printer status.

Water-split proof with internal water driven-out device

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

Rear-back design

On the top of A8ll trunk, it is standard VESA75 for connecting Birch PP series, furthermore, A8ll offers the good cable management device and has a unique " Closet" space for adapter loading.

BP-001II 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-001II. It is the strong, intelligent and confident simplicity of design with advanced technologies.

Aluminum chassis + Mini + powerful

60mm

90mm

YES, powerful

BP-001II supports most of printing applications and working environments.
a. **OPOS** driver supported.
b. Windows XP/XPE, VISTA, 7 compatible.
c. Codepages selected by utilities.
d. Advanced powerful drivers supported.
e. **Adjustable printing darkness** by drivers.

Mini and Aluminum chassis

With the **smallest printing control board**, BP-001II could be the smallest receipt printer in its class. BP-001II has "straight-up" design with "front-side paper out device", it keeps your printing so smart, simple and space-saving.

SII

200mm/second print speed

BP-001II 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.

80 ← 80 →

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

165mm

135mm

90mm

More functions

- Multi-language support: Through driver settings. BP-001II supports the multi-language
- Supports RS-232 + USB(standards), option for RS232+ USB + Ethernet
- 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 A8II dedicated desktop trunk. It is easy, simple and flexible.
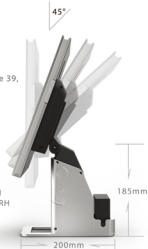
A v a i l a b l e

	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

B P - 0 0 1 II T e c h n i c a l   S p e c i f i c a t i o n s

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: 1.1 x 2.1 mm
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	Big 5 or GB
Barcode	UPC-A, UPC-E, EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF-2S
Beep Tone	Standard for Error Driver setting for After Printing
Darkness Adjustment	Supported
Print Commands	ESC/POS compatibles
RAM	8Mb
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	A8II trunk/3.5kgs
	BP-001II/2.5kgs

45°

185mm

200mm

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 A8ll 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.

a p p l i c a t i o n s   General Retails   Restaurants

Ticket Solutions   Coupons/vouchers   Queuing Solutions

Kiosk Statement Or Invoicing   Office Automations   Industry Automations

Ordering information:

You can order either PR finished goods as below or A8ll trunk to work with Birch any size of Panel PC(PP) series.

PR finished goods

15"	PR(D525)	non true-Flat	= PP7000DQ-15B + A8-100llSU
15"	PR(N2800)	non true-Flat	= PP7000CQ-15B + A8-100llSU
12"	PR(D525)	non true-Flat	= PP6000DS-12B + A8-100llSU
12"	PR(N2800)	non true-Flat	= PP6000CS-12B + A8-100llSU
15"	PR(D525)	tFLAT true-Flat	=PP7000D0-15S + A8-100llSU
15"	PR(N2800)	tFLAT true-Flat	=PP7000C0-15S + A8-100llSU
10"	PR(D525)	zFLAT true-Flat	=PP6000D2-10S + A8-100llSU
10"	PR(N2800)	zFLAT true-Flat	=PP6000C2-10S + A8-100llSU

A8ll trunk(A8-100llSU) w/receipt printer built-in

BP-001ll 80mm receipt printer

10"   12"   15"   A8ll trunk   BP-001ll

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