

# KS-6800 Series

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Specification	KS-6817	KS-6815	KS-6812	KS-6810
Processor	Intel Atom N270 1.6 GHz / 512 K Cache CPU			
System Memory	DDR2 400/533 MHz, SO-DIMM x 2, max 2 GB, default 1 GB			DDR2 400/533 MHz, SO-DIMM x 1, max 2 GB, default 1 GB
Storage Device	2.5" SATA HDD or SSD Kit (optional) or CF Kit (optional)			2.5" SATA HDD or SSD Kit (optional) or CF Card (optional)
Power Supply	12V DC power adaptor, 80W	12V DC power adaptor, 60W	12V DC power adaptor, 50W	
Audio	Built-in 2W speaker	Built-in 2W speaker	Built-in 2W speaker / Line out	Built-in 2W speaker
OS support	Windows XP Pro / WEPOS / POSReady / Win 7 / Linux / WinCE			
Color	Black	Black	Ivory white or Black	Ivory white or Black
<b>Display</b>				
LCD	17" TFT LCD, 1280x1024 resolution	15" TFT LCD, 1024x768 resolution	12" TFT LCD, 1024x768 resolution	10.4" TFT LCD, 800x600 resolution
Touch Function	Resistive, 5-wire, USB Interface			
Brightness Control	By digital push button			By software control
Tilt Adjustment	From 15° to 70°		From 20° to 90°	
<b>Connectivity</b>				
LAN Port	10 / 100 / 1000 Mb			
Parallel Port	Optional			
Serial Port	DB9 x2, RJ-45x1 (RJ-45 to DB9 Cable Optional), with 5V support on COM1/COM2	DB9 x2, RJ-45x1 (RJ-45 to DB9 Cable Optional), with 5V support on COM1/COM2/COM3	DB9 x2, RJ-45x1 (RJ-45 to DB9 Cable Optional), with 5V support on COM1/COM2/COM3	DB9 x2, RJ-45x1 (RJ-45 to DB9 Cable Optional), with 5V support on COM1/COM2/COM3
UPS Port	Yes, Battery Optional		N/A	
Standard USB Port	6			5
Proprietary USB Port	1 for side mount optional			N/A
VGA Port	D-SUB 15 Pin, with 12V power for Posiflex LCD Monitor			N/A
CR Port	1, Control 2 CR			
Hand Set	N/A	N/A	optional	N/A
<b>Physical Dimension</b>				
Dimension (W x D x H in mm)	378 X 304 X 364	378 X 304 X 364	309.9 X 262.3 X 288	255 X 210 X 250
Weight (N. W. in kg)	7.7	7.7	4.1	3.2
<b>Environment</b>				
Operation Condition	0°C - 40°C, 20%RH - 90%RH			
Storage Condition	(-20°C) - 70°C, 10%RH - 90%RH			
<b>Options</b>				
HS-680	N/A	N/A	Telephone Hand set, with hook switch and 6 function Key for programmable and Finger Print Sensor (optional), USB Interface 2.0M Pixel, USB Interface	N/A
Camera	N/A	N/A		N/A
PD-306 / PD-306U	N/A	2 x 20 LCD, default 200 mm pole		N/A
PD-309 / PD-309U		2 x 20 LCD, default 200 mm pole		
PD-310 / PD-310U		2 x 20 LCD, rear top mount		N/A
PD-2602 / PD-2602U	N/A	2 x 20 VFD, default 200mm pole		N/A
PD-2604 / PD-2604U		2 x 20 VFD, rear top mount		N/A
PD-2605 / PD-2605U		2 x 20 VFD, default 200 mm pole		
PD-76X2	N/A	240 x 64 dot Graphics LCD, 200 mm pole		N/A
PD-76X4		240 x 64 dot Graphics LCD, 200 mm pole		
SSD	8 GB minimum			
CF Kit	Bracket and module			N/A
WB-6812	N/A		Yes	Yes
CF Card	Type I card			
MSR	See Security Device			Integrated, 2 or 3 tracks (JIS-II optional)
Security Device (SD)	SD-400/SD-400Z: 2 or 3 tracks MSR (JIS-II optional) and/or Finger Print Sensor SD-600: 2 or 3 tracks MSR (JIS-II optional) and/or iButton SD-700: 2 or 3 tracks MSR (JIS-II optional) and/or Bar Code Card Reader SD-800: 2 or 3 tracks MSR (JIS-II optional) and/or RFID and/or WIFI		SD-500: 2 or 3 tracks MSR (JIS-II optional) and/or Finger Print Sensor (optional)	N/A
UPS Battery	2300 mAh/12V			N/A
RAID Function	Support RAID 1 (Disk Mirroring)			N/A
2nd LCD Display	12" LM-6101B , 15" LM-6501B	12" LM-6101B , 15" LM-6501B/LM-8015B		N/A
2nd HDD	Yes			N/A
KP-300W	36 Key plus lock keypad and/or MSR and/or Smart Card Reader			N/A
KP-312	N/A		36 Key plus lock keypad and/or MSR and/or Smart Card Reader	N/A
<b>Certifications</b>				

# KS-6800 Series

Innovative Fan-Free POS Terminal



Design and Manufacturing In Taiwan by Posiflex Technology Inc.

\*\* The product information and specifications are subject to change without prior notice.

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## KS-6800 Series

Posiflex unveils the fan-free KS-6800 series as a brand new innovative POS terminal.

The KS-6800 series takes pride in its streamlined and patented aluminum die casting design, RAID 1 backup, as well as UPS functions. The built-in UPS function is embedded on main board developed by Posiflex for better stability than others. Spill-resistant and anti-dust features allow it to operate calmly even in a harsh environment.

Besides, the KS-6800 series supports energy-efficient Intel Atom CPU with optional 17"/15"/12"/10" touch screen in a small footprint. It also supports versatile peripheral options such as MSR and built-in CF memory card reader, and a wide range of connectivity to meet numerous applications.

The KS-6800 series is suitable for small and medium retailers to serve customers efficiently.



### Key Features

- ▶ Resistive touch screen : 17" LCD 1280 x 1024, 15" LCD 1024 x 768, 12" LCD 1024 x 768 or 10.4" LCD 800 x 600 resolution
- ▶ Spill-resistant design (IP44 capable) to prevent careless spill and provide easy cleaning for a wide range of applications. (KS-6815/6817)
- ▶ The energy-efficient Intel Atom D410 1.6 GHz CPU to lower energy cost
- ▶ Fan-free design boasting quiet and anti-dust features
- ▶ Patented aluminum die casting design for efficient cooling
- ▶ RAID 1 (Disk Mirroring) support to backup important data (KS-6815/6817)
- ▶ UPS (Embedded on main board developed by Posiflex) support to avoid sudden loss of power during transaction
- ▶ Patented finger lever "Gear Lock" to adjust the LCD tilt angle from 15° to 70° vertically
- ▶ Push-open cover to protect power switch from accidental shutdown (KS-6815/6817)
- ▶ Bottom cable guide design and cover for safety and neat outlook
- ▶ User-friendly mechanism for system upgrade and easy maintenance
- ▶ Shiny diamond black, red or white front bezel for stunning look (KS-6815)
- ▶ Generation 6 super slim base stand (Optional) (KS-6815/6817)



Patented aluminum die casting design for efficient cooling



Resistive touch screen : 17", 15", 12" or 10.4" LCD

Spill-resistant (IP44 capable, KS-6815/6817) and anti-dust features

Generation 6 super slim base stand (Optional) (KS-6815/6817)