

SATURN

PC & PC PLUS

Small Form Factor designs for
Demanding Applications



Atom Intel 1.6GHz Processor | Fanless Design

Options Include...

CPU Choices

- Atom Intel 1.6GHz

Highlights

- 4 Serial Ports
- Wall Mountable
- Small Form Factor

Designed to Provide Enhanced Computing Performance and Versatility

The Saturn PC & PC PLUS features the Intel Atom CPU at 1.6GHz with less power consumption and more integration. The Saturn PC PLUS boasts a fanless design with small form factor and is wall mountable. It provides rich features like 4 Serial Ports, 4 USB Ports, 1 Parallel Port, DUAL Gigabit LAN, 1 VGA and either HDMI or DVI (selectable) and optional Wireless LAN. The Saturn PC provides rich features like 4 Serial Ports, Gigabit LAN and optional Wireless LAN. Designed to minimize the counter space and maximize the output, this powerful yet compact PC is the perfect product for your POS needs.



Touch Dynamic Saturn PC & PC PLUS Data Sheet

Model	Saturn PC	Saturn PC PLUS
CPU	Intel Atom N270 CPU L2 Cache 512K	Intel® Atom™ N270 Processor 1.6GHz L2 512K FSB 533MHz
Chipset	Intel 945GSE + ICH7M	Intel® 945GSE + ICH7M
System Memory	1 x DDR2 DIMM up to 2GB	1 x DDR2 DIMM up to 2GB
Graphic Memory	Intel GMA 950 share system memory up to 224MB	Intel® GMA 950 share system memory up to 224MB
Storage		
Hard Drive	1 - 2.5" SATA Hard Drive	1 x 2.5" SATA HDD
CF Card	Optional	
Flash Memory	1 x SATA DOM (Option)	1 x 2.5" pSSD (option)
Expansion		
Mini-Card slot	1 x Mini Card slot (PCIe / USB)	2
Front I/O		
Line out		1
PS/2		1 Keyboard Port
Antenna Jack		1
DVI/HDMI		DVI-D or HDMI (selectable by switch)
LAN		1 x RJ-45 (Gigabit LAN)
Parallel Port		1
Rear I/O		
USB	4 (USB 2.0)	4 x USB 2.0
Serial Ports	4 x RJ45 (COM3 / COM4 with 5V / 12V power)	4 x RJ-45 (COM3 / COM4 with +5V / +12V power)
PS2 Keyboard Port	1	
Network	Gigabit LAN	1 x RJ-45 (Gigabit LAN)
VGA	1 DB15	1
Cash Drawer Port	1 x (12V / 24V)	
DC Jack	1 x DC-19V	1 (locking)
Power Button	1	1
Power		
Power Adapter	Ext. 65W 19V 3.4A	Adapter (DC 65W, 19V, 3.4A)
Certificate		
EMC & Safety	FCC Class A, CE, LVD	FCC Class A / CE Mark / LVD
Environment		
Operating temperature	41°F ~ 101°F	5°C ~ 35°C (41°F ~ 95°F)
Storage Temperature	-4°F ~ 140°F	-20°C ~ 55°C (-4°F ~ 140°F)
Operating Humidity	20% ~ 80% RH non condensing	20% ~ 80% RH non-condensing
Storage Humidity	20% ~ 85% RH non condensing	
Communication		
Wireless LAN	PCI Express mini Card, Wireless LAN module 802.11 a/b/g (option)	Mini PCI-E (Half Size) wireless LAN card 802.11 a/b/g/n and antenna (option)
Dimension		
Dimension	222 x 138 x 36.8 mm (8.75 x 5.43 x 1.5 in)	222 x 138 x 45 mm / 8.7" x 5.4" x 1.8"
Weight	1.2Kgs / 1.8Kgs (2.65lb / 4lb)	1.6kg (3.5lbs)
Mounting	75 x 75 mm VESA Standard	75mm x 75mm Standard VESA
OS Support	Windows XP, Windows XP Embedded, Windows CE, Linux, WePOS, POS Ready	Windows® XP Pro, Windows® XP Embedded, Windows® CE, Linux, POS Ready, WePOS, Windows 7