TOUCH DYNAMIC

SATURN
ALL-IN-ONE

CPU

• Intel Celeron Quad Core J1900 up to 2.42Ghz

Touch Display Options
• 8.4" Projected Capacitive Touch
• 12.1" True Flat Resistive Touch

Integrated Options
• 3 Track MSR (12")
• Magtek EMV/ MSR Combo (8")
• Digital Persona Fingerprint Reader
• Internal Wireless a/b/g/n/ac/ Bluetooth

The Saturn AIO features the Intel® Celeron® Quad Core J1900 2.0 GHz is availalable in both an 8.4" and 12.1"and is a completey fanless design, making it amenable to all size and space requirements

Capable of Gigabit connectivity and a PCIe expansion board for wireless and 2nd Gigabit LAN, this unit is outstanding for its operability. Standard with VGA, LAN and COM Ports, coupled with multiple base and mounting options, its ease of maintenance will give your business the opportunity to break limits in expandability and flexibility.

Processor	Saturn All In One 8.4"	Saturn All In One 12.1"
CPU	Intel®Celeron®Quad Core J1900 up to 2.42 Ghz	Intel®Celeron®Quad Core J1900 up to 2.42 Ghz
Core Logic	SOC (System-on-Chip)	SOC (System-on-Chip)
System Memory	1x DDR3L so-DIMM 4GB up to 8GB, 1333 Mhz	1x DDR3L so-DIMM 4GB up to 8GB, 1333 Mhz
Graphics	Intel HD Graphics with Dx11 Support	Intel HD Graphics with Dx11 Support
LCD Display		
LCD	8.4" LED LCD	12.1" LED LCD
Touch	True Flat Projected Capacitive	True Flat Resisitive
Brightness	380 NITS (LED LCD)	500 NITS (LED LCD)
Maximum Resolution	800x600	1024x768
Backlight Type	LED	LED
Thermal Solution		
Fanless	Yes	Yes
Storage		
Hard Drive	N/A	1x2.5" SATA HDD
SSD	1x2.5" SATA SSD	1x2.5" SATA SSD (optional)
Rear I/O Ports		
USB	4 x USB 2.0, 1 x USB 3.0	4 x USB 2.0, 1 x USB 3.0
VGA	1 D-SUB15	1 D-SUB15
Speakers	2x2 Watts	2x2 Watts
LAN	Gigabit LAN controller 10/100/1000	Gigabit LAN controller 10/100/1000
2nd LAN	Optional	Optional
COM	COM x3 (COM1. COM2 standard, COM3 with +5V/ +12V Power)	COM x3 (COM1. COM2 standard, COM3 with +5V/ +12V Power)
Input Power	DC Jack with Locking Connector	DC Jack with Locking Connector
Cash Drawer	1	1
Power Switch	1	1
PS2	N/A	Optional
Expansion		
Slot	PCIe for wireless LAN or 2nd Gigabit NIC Expansion	PCIe for wireless LAN or 2nd Gigabit NIC Expansion
Peripherals		
MSR	Magtek Edynamo MSR/EMV	Integrated ID Tech 3 Track MSR
Fingerprint Reader	Digital Persona (optional)	Digital Persona (optional)
Internal Wireless/Bluetooth	a/b/g/n/ac (optional)	a/b/g/n/ac (optional)
Multiple Base Options	Triangle, Desktop, Universal Printer Base	Triangle, Desktop, Universal Printer Base
Technical Specs		
Specs	9.75" x 7.5" x 2"	12.75" x 9.75" x 2.25"
Power Adapter	19V, 65W	19V, 65W
IP Rating	IP54 Front Rating	IP54 Front Rating
OS Support		
8.4" & 12.1"	Windows 7 Pro, Pos Ready 7, Windows 8.1 Pro, Windows 8.1 Embedded Industry Retail Pro, Windows 10 IOT, Windows 10 Pro, Linux	
64 Bit Support	Yes	Yes