

# CESAR



**Metal Chasis & stand - Projective Capacitive Touch Screen (10 point)**

## Cesar, Commitment to performance excellence

Cesar is mounted with great materials to resist the work environment where you use it. An alluminium case and a Die cast metal for the stand gives you a reliable POS. With its **Intel® Celeron® Processor J1900** (Fanless) you'll got the power you need in your software.

With its Projective Capacitive Touch Screen with 10 contact points you'll have the best experience with your touch applications.

### TheMain

Driven by the passion for high performance and the pursuit of innovation, Birch releases the Czar all-in-one system which is the right system to grow your business.

### TheDetails

Besides the advanced technology, the Czar is exquisite system with state-in -the-art design, enhanced by the powerful capabilities includes the user-friendly devices.

- Hook-and- pull HDD device
- Slide-out mechanism
- iButton
- Triple tracks magnetic slot reader (option)
- VESA 75/100 mount support.
- Hand-operated screw
- Easy cable management device
- CPU upgradeable ( for core i3/i5)
- 2 x RAM slot

High-speed performance

QuadCore J1900 ( Fan-less)    Core i3/i5 CPU

	15" Cesar Core i3/i5/i7 All-in-one system PP8300 ( PP8500, PPB700)-25	15" Cesar J1900 All-in-one system (Fan-less) PP8100-15
<b>Main Board</b>		
CPU	Socket G(rPGA-989) Support IVY & Sandy Bridge Intel® Core i5/i3 Dual Cores CPU Support: Intel® Core i5-3210M (2.5GHz@35W) Intel® Core i3-3110M (2.4GHz@35W) Intel® Core i5-2540M (2.6GHz@35W) Intel® Core i7-3XXX( @35W)	Intel® Celeron® Processor J1900 (2M Cache, up to 2.42 GHz) Integrated
Chipset	Intel HM76 Express Chipset	
System Memory	2x SO-DIMM (204pin] Slot, DDR3 1333 MHz,Max 8GB Registered DIMM or ECC DIMM is not supported	2x SO-DIMM (204pin] Slot, DDR3 1333 MHz,Max 8GB Registered DIMM or ECC DIMM is not supported
<b>LCD Panel</b>		
Panel Size	15"	15"
Maximum Resolution	1024 x 768	1024 x 768
Brightness	250 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>
Contrast Ratio	600:1	600:1
Response Time	8 ms	8 ms
View Angles (H/V)	160 / 140	160 / 140
Touch Panel	Projected Capacitive Multi-Touch Panell (10 point]	<b>Projected Capacitive Multi-Touch Panell (10 point]</b>
<b>Storage</b>		
HDD	2.5" SATA interface x 2	2.5" SATA interface x 2
<b>Expansion</b>		
PCI-E Slot	x 1	x 1
Mini PCI-E Slot	x 1(Support SIM card)	x 1(Support mSATA)
<b>Power</b>		
Power Adaptor	Input AC 100-240V 2.5A 50/60Hz, Output DC I2V 6.66A	Input AC 100-240V 2.5A 50/60Hz, Output DC I2V 6.66A
<b>I / O</b>		
USB	x 4 USB2.0 & x 2 USB3.0	x 6 USB2.0
Serial	x 4 (with 0V/ 5V / 12V power selectable)	x 3 standard RS-232 COM1 with 5V /12V power selectable
LAN	x 1	x 1
2nd VGA Output	x 1	x 1
PS/2(Keyboard)	x 1	x 1
Audio	x 1 Line Out & x 1 Microphone In	x 2 Line Out & x 2 Microphone In
<b>Control/indicator</b>		
Power Button	x 1	x 1
LED Indicators	Power (RED)	Power (RED)
<b>Optional Peripherals</b>		
Magnetic Card Reader	ISO Track 1/2/3, USB interface	ISO Track 1/2/3, USB interface
VFD Customer Display	20 x 2 characters, RS-232 interface	20 x 2 characters, RS-232 interface
Second Display	8"/10.4" (800 x 600) and 15"(1024x768)	8"/10.4" (800 x 600) and 15"(1024x768)
Second HDD	2.5' SATA interface	-
Others	WIFI, iButton	WIFI, iButton, Printer stand thermal 80mm
<b>Dimensions</b>		
15"PP Core i3/i5 system	358(W) X 70.5(L) X 293(H) mm	15"PP Czar System 358(W) X 70.5(L) X 293(H) mm
<b>Environment</b>		
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	- 20°C ~ 60°C (-6°F ~ 140°F)	- 20°C ~ 60°C (-6°F ~ 140°F)
Operating Humidity	10% - 80% RH non condensing	10% - 80% RH non condensing
Storage Humidity	10% - 80% RH non condensing	10% - 80% RH non condensing

(CPU i3/i5/i7 sólo para proyectos)



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