

Refined Elegance Beyond Luxury

CARISMA is Spanish word, it is the same meaning of "CHARISMA"

in English, is applied to "a special quality of Leadership that inspires great popular allegiance also charisma. CARISMA series products are designed with total solution and user-friendly in our mind to fulfill your dreams. Sometimes you long for something that is truly greater good. Then CARISMA is closer than you think.

We understand that all traditional POS systems can do POS from normal computer concepts, but not all systems meet your requirements to work in your exacting circumstances which include powerful performance, state-of-the-art design especially for small foot print and some more user-friendly devices.

Birch CARISMA is a valued as the desirable system for you.



Specification			
Main board	CPU	Intel Core 2 Duo / Intel Celeron-M (Socket-P)	
	FSB	533 /667/ 800 Mhz	
	Chipset	Intel GME965 Express + ICH8M	
	Slot type memory	DDR2 533/667 SO-DIMM (512 MB TO 2GB)	
Display	Tft lcd size	12.1" 15.1"	
	Maximum resolution	1024 x 768 1024 x 768	
Storage Device	On board memory	DDR2 533/667 (512MB TO 2GB)	
	Expansion	PCI-e mini card	
	CF / 2.5" SATA HDD		
	I/o ports	Serial	4 x RS-232 with RJ-45 connector (2 x with 5V / 12V power selectable)
	USB	6 x USB 2.0	
	Parallel	1 x LPT with adaptor cable	
	PS/2	1 x Keyboard / 1 x Mouse with adaptor cable	
Lan	1 x RJ45, 10/100/1000 base-t		
Display	1 x VGA with optional adaptor cable		
Audio	1 x Earphone, 1 x Microphone		
Power adapter	12V 6.67A 80W		
Operation temperature	0~40 degree C at 10%~80% humidity		
Storage temperature	-20~60 degree C at 10%~80% humidity		
Compliance	FCC, CE and ROHS		
Dimension	293(W)x299(L)x173(H)mm 358(W)x367(L)x173(H)mm		
Options	MSR card reader: triple tracks MSR card reader VFD customer display: VFD customer display, 2 lines x 20 characters. Wi-Fi function. ELO touch Wall-mount bracket		

Other CARISMA related systems Technical Specifications			
Main board	CPU	Intel Dual Core Atom D525 1.8 Ghz	Intel Atom N455 1.66Ghz
	FSB	667/ 800 Mhz	667/ 800 Mhz
	Chipset	Intel NM10 Express	Intel NM10 Express
	Slot type memory	DDR3 SO-DIMM (TO 4GB)	DDR3 SO-DIMM (TO 2GB)
Expansion	PCI-e mini card	PCI-e mini card	

OEM Private label project or OEM project are welcome.

You Are Kindly Invited To Join Us Either Distribution Or Private Label Or Custom-made Projects. Small NRE Charges And MOQ Required

Custom-made
Birch offer more flexible policy to support you to have custom-made models to meet your personalized applications with small NRE charge and small MOQ required.

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CARISMA

BIRCH
THE GRAND FLAGSHIP
FOSTERS INTRIGUING ELEGANCE
AND INCISIVE SIMPLICITY
FOR POS SOLUTIONS



H I G H P E R F O R M A N C E

Excellent Design from the Motherboard

Birch invested M/B factory and have more control over the M/B technologies. Now we released the newest M/B (MB-7000) which is industrial PC Level standards(IPC) with long life cycle of supply. IT7000 series systems built-in MB-7000 M/B to assure of high-end performance.

- Fast and advanced CPU**
Core2 Duo M/B with Intel 965 ICH 8 chipset
- 4GB RAM capacity**
MB-7000 supports on-board RAM device(512K to 2GB) and socket-type RAM device (512K to 2GB). It totally supports RAM up to 4GB as maximum.
- Copper base heat-sink**
Have copper instead of normal ones(aluminum) to assure the best heat capacity.
- Heat flow solution**
Flow inputs/outputs gates designed based on heating volume tested by testing S/W and built-in aluminum alloy blower fan with 2 x ball bearing besides copper base heat sink.
- User upgradable**
Specially design socket design for various level speed CPU mount-on.
- PCI-e mini slot**
- CF slot**

U N I Q U E " L " T Y P E N A R R O W - R I M P A N E L

We Know Your Needs

Birch is one of forerunner in Auto-ID and POS market to offer the state-of-the-art design with small foot print base to meet your applications.

- USB**
- MSR card reader**
- Wall-mount**
- VFD customer display**
- I/o ports**
Buckled type phone jet converter cables for com ports. Com 3 & 4 supported 5V/12V power

C A R I S M A S Y S T E M S

Brilliant and Extraordinary Strengths

SO ELEGANT, SO GRAND AND SO SLIM
Carisma is a state-of-the-art with small foot print design system which dedicated to perfect to meet your working environment. It offer you a fine taste of high-tech and user friendly devices.

HIGH PERFORMANCE AND FLEXIBLE
Core2 Duo M/B with intel GME 965, one of the highest chipsets in pos market, offers high-end performance. The socket-type cpu design allows you to have more choice of different level cpu type.

2-IN-1 APPLICATIONS
Unique foot stand design can be used for wall-mount application. CARISMA system is 2-in-1 system for desktop and wall mount application.

EASY REPAIRS AND UPGRADES
It is easy for you to repair or upgrade ram and hdd just by opening the rear chassis.

Ordering information

- It7000iii-15** 15" Carisma Pro All-in-one Touch System, Core2 Duo, Pentium 1.46 Ghz(T2310), 1GB ram, 160GB HDD, 6 X USB, 4 X COM, 1 X LPT, 1 X VGA, 10/100/1000BASE T.
- It7000iii-12** 12.1" (1024 X 768) Carisma Pro All-in-one Touch System, Core2 Duo Pentium 1.46 Ghz(T2310), 1GB ram, 160GB HDD, 6 X USB, 4 X COM, 1 X LPT, 1 X VGA, 10/100/1000BASE T.
- It7000D** Dual Core Atom D525 1.8 Ghz, 1GB ram, 160GB HDD, 6 X USB, 4 X COM, 1 X LPT, 1 X VGA, 10/100/1000BASE T.
- It7000N** Atom N455 1.66 Ghz, 1GB ram, 160GB HDD, 6 X USB, 4 X COM, 1 X LPT, 1 X VGA, 10/100/1000BASE T.

More Information

- Cpu Upgradeable To T9500
- Memory Upgradeable To 2GB(User Side) And 4GB(At Factory Side)
- Hdd Upgradeable To 500 GB
- Your Choice For Elo Touch