






Refined Elegance Beyond Luxury

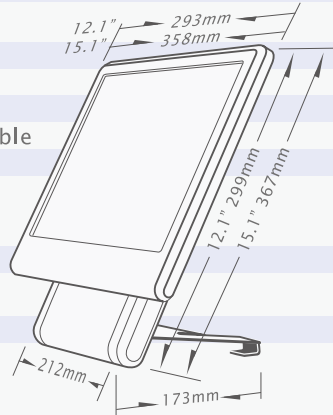
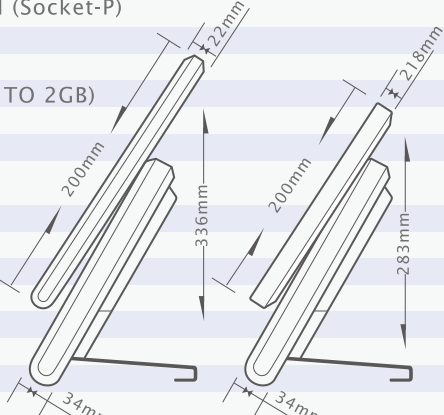
CARISMA is Spanish word, it is the same meaning of “ CHARISMA”

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)	
	On board memory	DDR2 533/667 (512MB TO 2GB)	
	Expansion	PCI-e mini card	
Display	Tft lcd size	12.1"	15.1"
	Maximum resolution	1024 x 768	1024 x 768
	Brightness	195 cd/m ²	250 cd/m ²
	Contrast ratio	400 : 1	600 : 1
	Response time	16ms	8 ms
	View angles (h/v)	90/65	160 / 160
	Touch panel	five wires resistive	
	Tilt angle	60~90 degree	
Storage Device	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 adapter cable	
	Lan	1 x RJ45, 10/100/1000 base-t	
	Display	1 x VGA with optional adaptor cable	
Power adapter	Audio	1 x Earphone, 1 x Microphone	
	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 charcacters.			
 Wi-Fi function.  ELO touch  Wall-mount bracket			



RELATED PERIPHERALS TM2600/TM1600 Technical Specifications			
Model	TM2600	TM1600	Indicator
LCD Size	15.0"	12.1"	Touch Screen
Colors	TFT True color		Resistive 5-wire touch
Resolution	1024 x 768	1024 x 768	Power Adapter
Contrast ratio	600:1	400:1	Input AC100-240V, 50/60Hz Output DC12V/3A
Brightness	250 cd/m²	195 cd/m²	Power Consumption
Viewing Angle	H:150, V:140	H:90, V:65	<20W
Dimension	W358xH335xD200mm W293xH283xD200mm		
Weight	9Kg 6Kg		
Safety & EMI	FCC, CE and ROHS		
Options	Triple tracks MSR reader VFD customer display / ELO touch		

OEM

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



Core2 Duo M/B
with 965 ICH8

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.

CF slot

User upgradable

Specially design socket design for various level speed CPU mount-on.

PCI-e mini slot

PCI-e mini card

PCI-e mini card is the advanced slot on Notebooks to support newest and advanced optional function such as Wi-Fi.

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 dedictade 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.

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