

Harbortouch presents the TOSHIBA Touch POS Terminal



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KEY DIFFERENTIATORS

1. Global concept: "Perfection by Design"

- Toshiba is "last brand standing", doing ALL the development and construction IN HOUSE

2. Design

- Nice black color and sleek vertical concept
- Toshiba won important "Good Design Award" (Japan)

3. Functional Concept

- Ergonomics
- Smallest footprint, yet keeping full
 - functionality: extended connectivity and
 - good cable management



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KEY DIFFERENTIATORS

4. Reliability

- Legendary Toshiba quality

5. Environment

- Low power consumption chipset

6. Easy Maintenance: "Clickability"

- All covers snap on the main body easily



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PERFECTION BY DESIGN: BENEFITS

1. Further development will be handled in-house, allowing the product to continue to evolve
2. All our products have a long lifecycle
3. Spare parts available for up to 7 years after production end
 - Installed base will remain consistent, allowing easier and cheaper maintenance
4. Superior build quality
 - Means a drastic reduction of TCO for the end-user
5. Toshiba takes “Perfection by Design” very seriously



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DESIGN: FACTS

1. Modern black color and a very sleek vertical design
2. The touch screen has very tiny edges
3. Ergonomic design principles used in development of this product
4. 2007 "Good Design Award" recipient



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GOOD DESIGN AWARD 2007: HARBORTOUCH POS



The "Good Design Award" is Japan's only comprehensive design evaluation and commendation system. This system itself has its origins in the "Good Design Selection System" (generally known as the "G-Mark System") instituted by the Ministry of International Trade and Industry in 1957.

GOOD DESIGN CRITERIA:

Is it a good design? Is it a superior design? Is it a design that breaks new ground for the future?

Dual side printing: Toshiba



New Touch Panel
POS: Toshiba



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TECHNICAL SPECIFICATIONS

CPU	VIA C7 1,5Ghz
Memory	512MB 2 slots (2 GB max.) DDR-2 PC533/4200
Display	15" TFT Touch (1024x768) 5-wire Resistive Touch
Customer Display	RIU 2x20
HDD	3,5" HDD SATA (40GB) 7200 rpm
MSR, iButton	Option
Operating Temperature	5°C - 40°C
Operating Humidity	10-80% RH Non Condensation
Dimensions	366(L) x 251(W) x 359(H) mm
Weight	11,5 kg
Power Supply	95W/105W Internal switching



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TECHNICAL SPECIFICATIONS

COM	2 x COM D-Sub9 (Male) 2x Powered COM D-Sub9 (Female)
USB	6 x USB (2.0) 1 x Powered USB (24V)
PS/2	1x PS/2 for Mouse & 1x for Keyboard
Drawe	2x (24V Drawer)
VGA	1x 15 pin VGA female type
LAN	10/100 BaseT Ethernet (RJ-45) with LED
Audio	Line-out/Mic-in
AC Inlet	AC inlet connector



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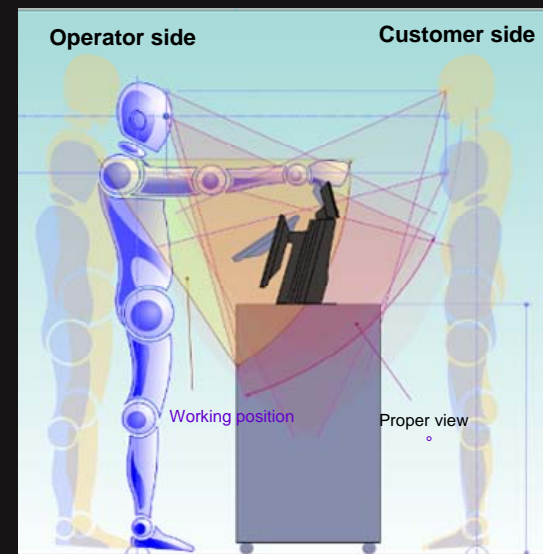
FUNCTIONAL CONCEPT: BENEFITS

1. Ergonomics

- Based on human factors engineering
- Easy eye contact in any circumstance means increased client interaction

2. Carefully Designed Airflow

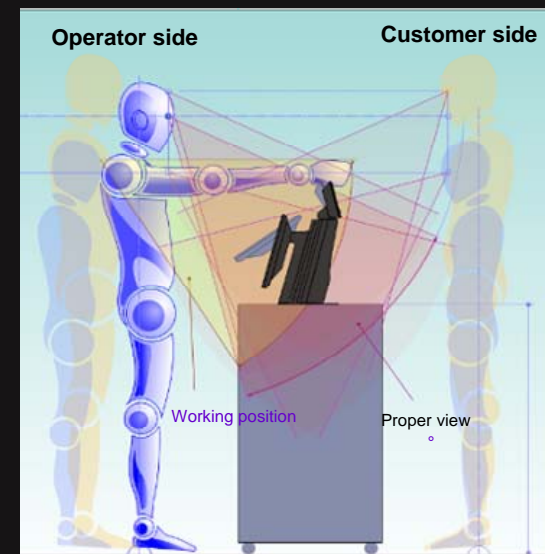
- Less dust, higher reliability
- Reduced moving parts - one fan instead of two
- Reduced noise



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FUNCTIONAL CONCEPT: BENEFITS

3. The footprint is simply the smallest available from any branded TouchPOS, saving valuable counter space
4. Toshiba POS are all rugged designs, protected against water and dust intrusion in difficult environments such as hospitality



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TECHNICAL SPECIFICATIONS: COOLING METHODS

- Air is drawn in from all angles
- Strategic placement of components for full use of the airflow
- Discharging air out of the machine to the front (most other models blow air to the back which is the customer's side)



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TECHNICAL DETAILS – “ADDED TOUCHES”

- **Cover**
 - Polycarbonate (PC)-ABS (heat resistant, moldable, better impact resistance, widely used in automotive, electronics and telecommunications applications)
- **Anti-vibration**
 - The system has two rubber strips for anti-vibration
 - Base plate
 - HDD-plate
 - The system passed following vibration tests
 - Power on
 - Vibrations 10-25 Hz



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RELIABILITY: BENEFITS

1. Toshiba POS products are the most reliable in the world

- Toshiba designers follow US Army quality standards

2. A real MTBF of 4.6 years

- Means a minimal downtime for the store's operations
- Means an average of less than one failure over the POS lifetime, minimizing the maintenance cost

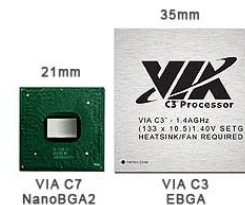


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VIA C7[®] PROCESSOR



The new VIA C7[®] processor is the *smallest, lowest power, most efficient* and most secure native x86 processor in the world.



Built on the advanced VIA CoolStream™ architecture, the 'Esther'core of the VIA C7 processor is designed to extend the digital lifestyle by combining robust performance with *ultra low power consumption* and *highly efficient heat dissipation*.



The VIA C7 processor also boasts breakthrough VIA TwinTurbo™ technology that allows the processor to switch between ultra low power mode to full speed operation in a single clock cycle, resulting in consistent performance with no stutters.

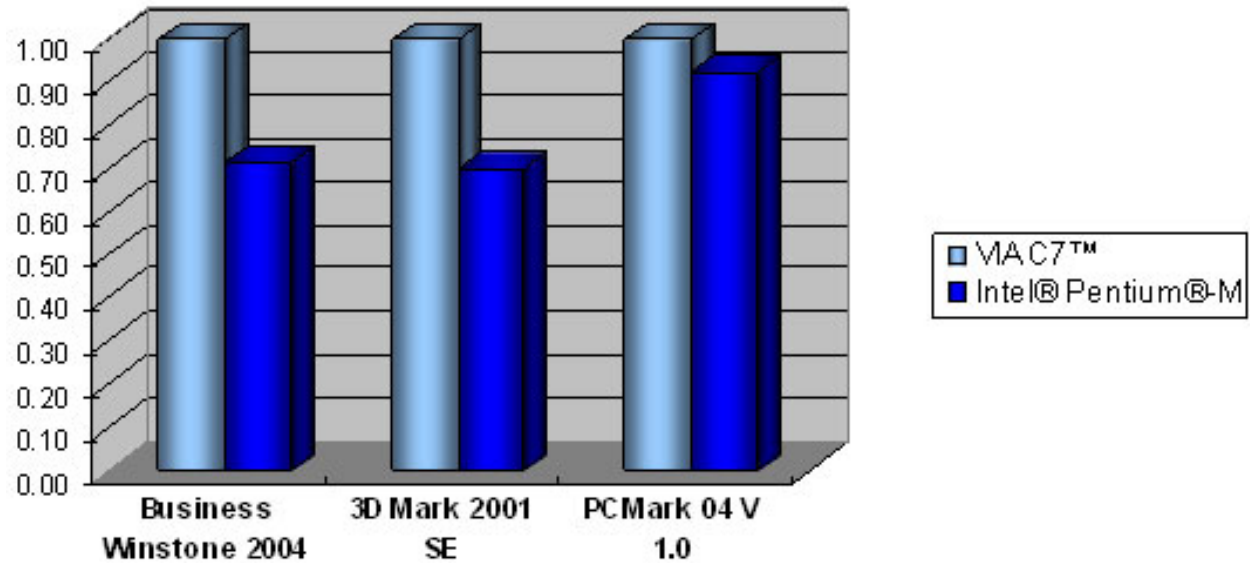


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VIA C7[®] PROCESSOR



Best Performance per Watt

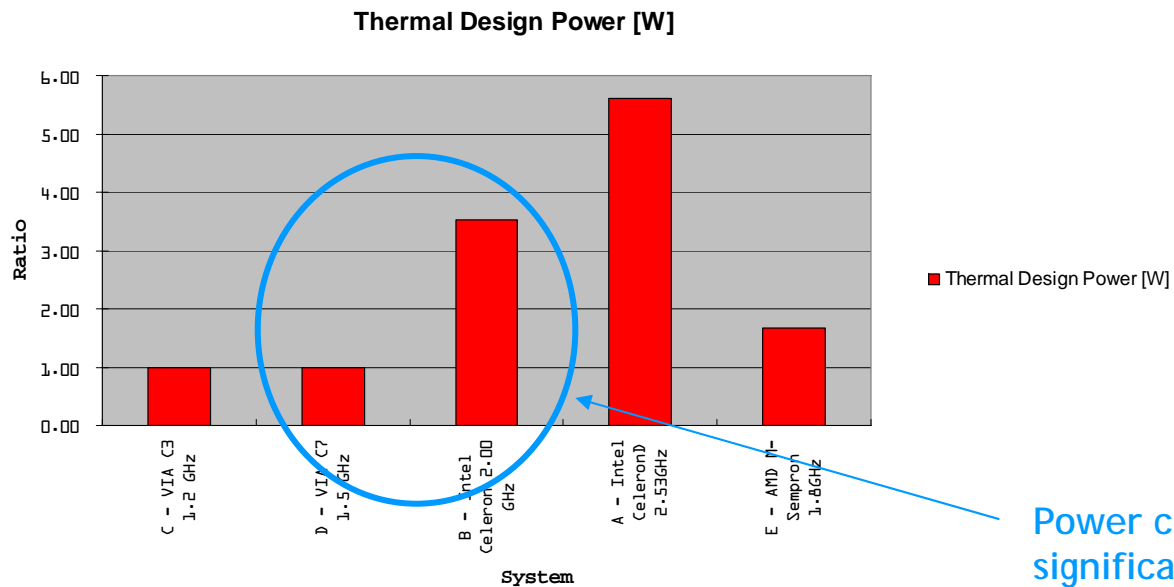


**All benchmarks normalized to performance/TDPmax of the VIA C7 processor @ 1.5GHz*



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THERMAL DESIGN POWER



Power consumption is significantly lower than Celeron 2.0GHz



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USE OF THE VIA C7[®] PROCESSOR

What does all this mean?

	Watts x Hours Used 1000			x Cost per kilowatt-hour = Total Cost	x Cost per Kilowatt Hour 0.1
	Watts	Hours Used		Div. by 1000	Total Cost
Celeron 2.0GHz	52.80	8.760	462,528.00	462.53	46.25
Celeron D 2.53GHz	84.00	8.760	735,840.00	735.84	73.58
VIA C7 1.5GHz	15.00	8,760	131,4000.00	131.40	13.14

For almost the same performance, we can reduce your power consumption by as much as 550%!
 Not to mention the lower heat of the CPU results in longer life with less failures.
 The system reaches MTBF of 4.6 years!



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ENVIRONMENT: BENEFITS

1. **The processor uses up to 5 times less energy than comparable competition**
 - Means drastic reduction of CO2 emissions
 - Means a considerable decrease of energy cost
2. **A longer lifetime**
 - Means less CO2 emissions through a reduction of transportation, manufacturing emissions and waste production



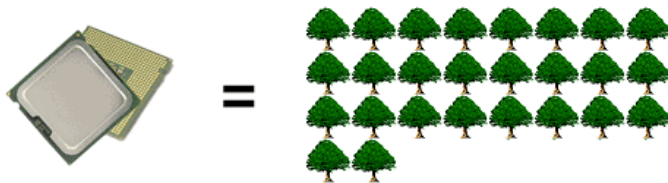
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TECHNICAL SPECIFICATIONS: CPU EFFICIENCY

VIA C7[®]-D Processor



Leading Competitor Processor



With its market-leading power efficiency, the VIA C7[®]-D processor requires just four broad-leaf trees to compensate for the carbon dioxide that needs to be produced over the lifetime of the product, an average of 28 trees - or over 88% - fewer than competing processors.



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EASY MAINTENANCE

FACT:

“Clickability” makes life easy

- All covers simply snap on the main body or using manual screws

BENEFITS:

- Reduced downtime for your merchant based on ease of maintenance and repair



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EASE OF MAINTENANCE: "CLICKABILITY"

- Easy clicking mechanism to reach interfaces, hard disk and to install customer display
- Few manual screws to remove hard disk, motherboard, power supply, TFT screen and MSR
- No screwdriver necessary during installation and repair



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WRAP-UP

- “Engineered to perfection”
- Very elegant design
- Highly developed functionality
- Toshiba = reliability
- Environmentally conscious
- Easy to service



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