

TURBOCHIP 133

TURBOCHIP 133
CAN IMPROVE THE
PERFORMANCE OF 486
COMPUTERS BY MORE
THAN 250%

PRODUCT OVERVIEW

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Kingston® Technology's TurboChip 133 provides 486-based SX, SX2, DX and DX2 desktop computer systems with 133MHz 5x86 processor technology. By simply replacing the existing 486 processor, TurboChip 133 provides more than 250 percent performance increase to the native 486 computer. TurboChip 133 features 16Kb internal cache, a built-in math coprocessor plus 33MHz external bus speed processing. TurboChip 133 is a high-performance, cost-effective solution increasing any computer's CPU performance over its current 486 speed by providing the necessary power for today's demanding software applications.

PRODUCT HIGHLIGHTS

- Increases performance by more than 250 percent
- Provides Pentium® 75-plus processing power using the AMD® Am5x86-P75 processor
- Clock-quadrupled to 133MHz with x86 microprocessor core
- Upgrades most 486-based SX, SX2, DX and DX2 desktop computer systems
- Compatible with all existing software and hardware
- Easiest way to upgrade 486 systems to Pentium 75-plus performance
- Chip-for-chip replacement upgrade installation with no software drivers needed
- Equipped with cooling fan for increased cooling, regardless of system design
- Up to 33MHz external bus speed
- Internal math coprocessor included
- Lifetime warranty
- Free technical support

TURBOCHIP 133

SYSTEM SUPPORTED

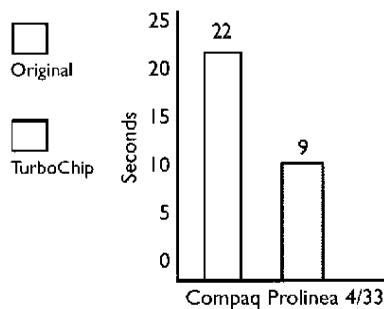
CPU TYPE:	ORIGINAL CLOCK-SPEED:	UPGRADING WITH TURBOCHIP 133:
SX	16MHz	64MHz 5x86
	20MHz	80MHz 5x86
	25MHz	100MHz 5x86
	33MHz	133MHz 5x86
SX2	50MHz	100MHz 5x86
	66MHz	133MHz 5x86
DX	25MHz	100MHz 5x86
	33MHz	133MHz 5x86
DX2	50MHz	100MHz 5x86
	66MHz	133MHz 5x86

ORDERING INFORMATION

KINGSTON PART NUMBER:	PRODUCT DESCRIPTION:
TC5x86/133	TurboChip 133 CPU upgrade for 486 systems

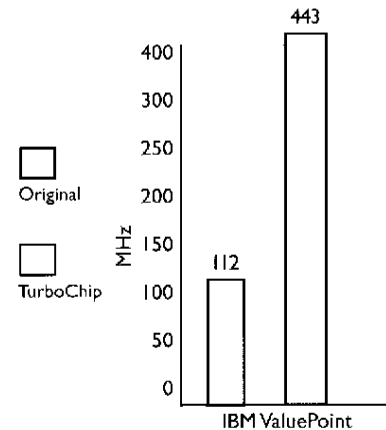
PERFORMANCE RATINGS

Kingston uses two benchmarks to test the performance of processor upgrades: Landmark Speed and Microsoft Excel.



MICROSOFT EXCEL - LOWER IS BETTER

Kingston conducted Excel Recount on a 16MB large Microsoft Excel for Windows® 5.0 spreadsheet (9600 rows x 10 columns) in which a numerical equation was changed in a cell. Once the equation was altered, Excel was instructed to recalculate the entire spreadsheet by using the "Fill Down" command. Measured in time, LOWER is BETTER.



LANDMARK SPEED - HIGHER IS BETTER

Landmark Speed V2.0 is a widely used industry standard benchmark measuring the performance of the microprocessor relative to an IBM AT. For example, a Landmark rating of 50 means the processor is running at the same speed as an IBM PC/AT if it was running at 50MHz. HIGHER is BETTER.

FOR ADDITIONAL INFORMATION CALL US AT (800) 337-8410

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CPU by
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Am5x86-P75



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