100% PURE WINDOWS.
100% PURE BUSINESS.
100% PURE VALUE.

For the affordable desktop and notebook computers today's market is looking for.

DESKTOP

❍ Lowest cost upgrades and migration is provided by compatibility with Socket 7 infrastructure, motherboards, chipsets and BIOS. Compatibility also exists with all major software applications, peripherals and network environments. Certified by XXCAL.

❍ Simplified design requires lower power consumption and allows for cooler operation.

❍ Smaller die area results in lower production costs and greater affordability.

❍ Reliability and quality accrues (ISO 9001 and 9002 certified) from the expertise of IDT, a major manufacturer of chips for computers, communications and networking.

❍ Very fast execution with far less circuitry resulting from simplified instruction set which optimizes performance of the basic x86 instructions comprising 90% of all x86 code. Little-used instructions are implemented in microcode with minimal hardware support.

❍ Optimized performance of total system by optimizing for highest clock frequencies.

❍ Optimized processing at high clock speeds through massive on-chip cache. The IDT WinChip architecture makes maximum use of cache memory, providing twice the amount of on-chip Level 1 cache as the Intel Pentium with MMX Technology.

❍ Higher integer performance.

❍ Better MMX and floating point performance.

❍ 100 MHz Super 7 bus support.

❍ Cost optimized Socket 7 infrastructure.

❍ 3D Instruction Extensions (AMD 3DNow!™ Compatible).

The WinChip Family Road Map to higher performance.

NOTEBOOK

❍ Extended battery life for mobile users resulting from low power dissipation.

❍ More reliable operation from cooler running system due to smaller die size.

❍ More lap comfort because of less heat.

IDT PRODUCT ROADMAP-SOCKET 7

Increasing MHz and core performance via design
Increasing MHz via technology
Improving system performance via faster bus speed

PERFORMANCE

WinChip 2+
WinChip 2+3D
266/300 MHz
2x L1 Cache

WinChip 2
200/225/240/266 MHz
66, 75 & 100 MHz Bus
3D Graphics (AMD 3DNow!)

WinChip C6
180/200/225/240 MHz

WinChip 2 3D
266 MHz

2H'97   1H'98   2H'98