



TWINXP1024-3200XL

Corsair's new XPERT series is the world's first line of memory modules that monitor parametric data of the memory real-time! Corsair XPERT modules use an integrated microcontroller to measure Voltage, Temperature, and Frequency on the memory module. Each of these parameters, along with a user-programmable scrolling marquee are shown on a big alpha-numeric display. The TWINXP1024-3200XL is a matched pair of 512 MByte, ultra-performance DDR SDRAM modules that is designed for exceptional performance at high clock speeds and very low 2-2-2-5 latencies. Each module includes a high-efficiency cast aluminum Corsair heatsink and 24 activity LED's that show the level of memory activity on each bank. All Corsair TwinX modules are tested as a matched pair in a dual channel motherboard and packaged together immediately after test.

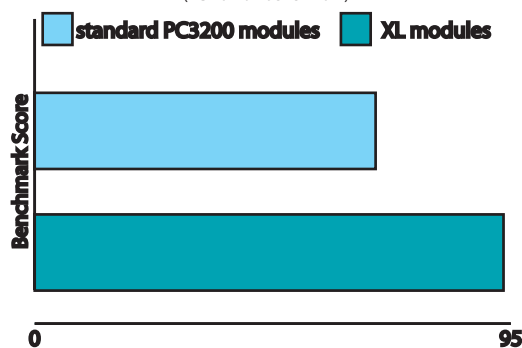


MEMORY FEATURES

- ▶ 1024 Megabytes of memory
- ▶ Pair of 512MB 184-pin DDR DIMMs
- ▶ Compatible with any PC3200 system
- ▶ Can be used in combination with standard memory modules
- ▶ Benchmarked in multiple Intel and AMD PC3200 based test setups
 - *Tested with a variety of PC3200 based chipsets, processors, and motherboards*
- ▶ Tested at DDR400
 - *Tested at X-treme Low latency settings (2-2-2-5)*
 - *Test voltage: 2.75V*
- ▶ Plug-n-Frag™ Auto-Configuration
 - *Boots automatically using the X-treme Low latency values of 2-2-2-5*
- ▶ Lifetime warranty

XL Performance Comparison

(PCMark04 benchmark)



The Fine Print: Newer motherboards may be used for production test as they become available. Corsair may periodically update the part with newer RAM revisions of same or greater performance. RAM used on the module may change without notice.

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XPert FEATURES

- ▶ BIG 10-digit alpha-numeric display panel
 - ➔ *Display module has 0.4" (10mm) tall display*
- ▶ Displays real-time memory parameters on LED screen
 - ➔ *Voltage: shows measured-on-module voltage*
 - ➔ *Temperature: displays temperature under heatsink; selectable as Centigrade or Fahrenheit*
 - ➔ *Frequency: integrated crystal measures actual memory frequency*
- ▶ Up to three user-programmable scrolling marquee
 - ➔ *Up to 23 characters per marquee*
 - ➔ *Scroll speed is adjustable*
- ▶ Two bars of color activity LED's show level of memory activity
- ▶ Lighted Corsair sails at each end of display
- ▶ CD with Corsair "Memory Dashboard" software included
 - ➔ *Windows(tm) application allows easy setup of which parameters are displayed, cycle speed, scroll speed, etc.*
 - ➔ *Tracks Min, Max and Average values of measured parameters*
 - ➔ *Software updates are downloadable from Corsair website*



MECHANICAL FEATURES

- ▶ High-efficiency cast aluminum Corsair heatsink
 - ➔ *95% greater surface area than standard memory heatspreaders*
 - ➔ *Thermally bonded to the module*
- ▶ Configurable display module fits nearly all motherboards

