

# Certified Memory Manufacturer Program



The CMTL Certified Manufacturer Seal means:

• **QUALITY**

Certified products are built using strict material control and manufacturing processes

CMTL certified manufacturers provide lifetime or extended warranties and extensive customer support

• **COMPATIBILITY**

Products are extensively cross-platform tested for compatibility and functionality with industry-leading motherboards and memory modules

• **RELIABILITY**

Maximum assurance the product is reliable and not a "border line design"

• **PERFORMANCE**

Tested products are optimized to run at the correct speed

Programming conforms to the most current industry specifications

• **FIRST TO MARKET**

CMTL tests results are posted on cmtlabs.com and manufacturer Web sites for first-to-market exposure

The CMTL Certified Manufacturer Seal is a guarantee of the highest possible product compatibility.

In order to obtain CMTL Memory Manufacturer certification, a manufacturer must have ten different memory products which pass individual CMTL product certification. Additionally, the manufacturing facility must include on-site engineering capabilities, and be ISO certified. Other conditions apply, as outlined below.

## Certification requirements for memory module manufacturers

### Product requirements

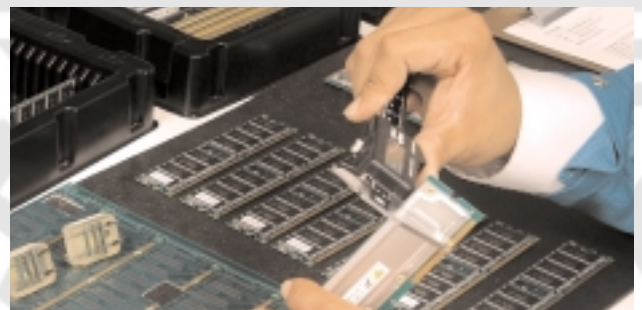
1. Minimum of five different memory modules must have passed CMTL Standard Certification
2. Minimum of five different memory modules must have passed CMTL Server Certification
3. Minimum of three different module densities for each certification level
4. Minimum of two different qualified DRAM manufacturers
5. Manufacturer must have an overall pass rate of ninety percent (90%) over six months
6. All CMTL certified products must have a limited life-time warranty program in place

### Manufacturing requirements

1. Facility must be ISO compliant
2. Facility must include In-house engineering capabilities
3. Facility must include a minimum of one complete CMTL memory module/motherboard compatibility test station (CMTL environmental chamber, MCFT test card and support hardware)
4. Must have a minimum of one in-house compatibility testing technician trained by CMTL

### The strategic value of becoming a CMTL Certified Memory Manufacturer

- Enhanced market leadership positioning
- Product approval listings posted on cmtlabs.com and Web sites of the major motherboard manufacturers
- Products differentiated from lower quality modules
- Increased global brand positioning
- New product test approvals mean increased revenue opportunities
- Reduced RMAs and support calls
- Access to valuable component data mining histories and trends
- Promotes strong design and quality processes
- Offers customers easy source for pre-qualified, 100% functionally tested memory products
- Supports sales teams with valuable prospecting and development tools
- Increased customer satisfaction and retention



*Why should you use CMTL certified products?*

*Go to [www.cmtlabs.com](http://www.cmtlabs.com)*