Environmental conditions for FTS MoBo
- V3 -

Operating

The operating temperature is the surrounding temperature of the system. Inside the system temperature can be much higher. The system integrator is responsible to ensure that the specified maximum component temperatures (not part of this specification beside E-Caps) are never exceeded under all operating conditions (through appropriate system cooling solution).
Avoid high concentration of halogen, sulphur or halogen-/sulphur -compound gas environment.

	Desktop, Thin Client	Workstation	Server	Industrial
Operating temperature (forced cooling)	10°C – 35°C	10°C – 35°C	5°C – 35°C	0°C – 60°C non condensing
Relative humidity (adapted 3K2)	5% - 85%	5% - 85%	10% - 85%	5% - 85%
Expected System test Standard	adapted 3K2	adapted 3K2	adapted 3K2	FTS OEM Specification

Transportation

Avoid high concentration of halogen, sulphur or halogen- /sulphur compound gas environment.

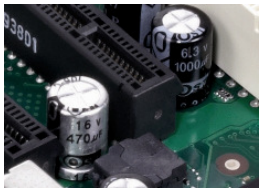
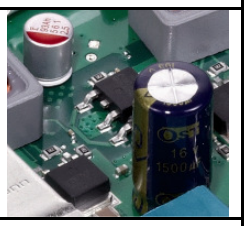
	Desktop, Thin Client	Workstation	Server	Industrial
Transportation temperature	-25°C – 60°C	-25°C – 60°C	-25°C – 60°C	-25°C – 70°C
Relative humidity (non-condensing)	15% - 98%	15% - 98%	15% - 98%	15% - 98%
Expected System test Standard	adapted 2K2	adapted 2K2	adapted 2K2	FTS OEM Specification

Ersteller:
Schmid Robert FTS SO P E SB4/Q
Tobies Thomas FTS TSP CLI R&D Q
Klass Thomas FTS TSP x86 QM 2

Ausgabe: 3 01.04.2010

Storage

Avoid high concentration of halogen, sulphur or halogen-/sulphur -compound gas environment and worse case storage condition

	Mainboards with Al Capacitors		Mainboards with Polymer Capacitors	For mainboards with mixed population
				
Temperature	5 up to 40°C		5 up to 40°C	5 up to 40°C
Relative Humidity (non condensing)	5 up to 85%		5 up to 85%	5 up to 85%
Special measurements depending on storage time	< 3 years	no actions required!	no special actitivites required!	refer to mainboards with electrolyte capacitors
	3 up to max. 5 years	Every 18 months power on for 15 - 30 min strictly required!		

* ATTENTION: storage time starts counting from date of production!
The system test standard is adapted to 1K2!

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