



Portwell, Inc.

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PBPE-13A8

Reliability Prediction Report

MTBF

Revision: 000

TDSC Manager: Julie Wei Analyzed by: Sammy Issue Date: Oct 17, 2008



MTBF Prediction Report

Model Name:	PBPE-13A8
Description:	13 Slots.PICMG 1.3 Backplane.(PCI*4/PCI-Ex16*1/SHB*1/PCI*4/PCI-Ex1*4)
Prediction Date:	Oct 17, 2008
Prediction Site:	Portwell, Inc.
Analyzed by:	Sammy
Prediction Standard:	Bellcore SR-332 Issue 1
Environment:	Temperature: 40°C , Level I
Failure Rate:	5.814943 (FPMH)
MTBF:	171,970.71875 (hrs.)

The MTBF value can be calculated by:

- Real returned rate of our shipping goods
- The simulation of key components to have the estimated value (Based on Bellcore SR-332 Issue 1 with System Ambient Temperature at 40 degree C)

Based on the simulation, the MTBF report of PBPE-13A8 can be summarized as above at 95% confidence.