

# System Hardware Reliability

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## Abstract

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### 1 General

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This document contains the Mean Time Between Failures (MTBF) values for the hardware included in the MX-ONE.

The table lists the products in alphabetical order.

The character 'x' behind a product number indicates that there exist market or signalling variants having the same MTBF.

*Table 1*

<b>Product name</b>	<b>Product number</b>	<b>MTBF (years)</b>
ALU2	ROF 137 5373/11	123
Analog phone	DBC 106 01/01001	Failure rate = max 0.5 % per year
Analog phone	DBC 147 01/x	Failure rate = max 1.0 % per year
Analog phone	DBC 186 01/01001	Failure rate = max 1.5 % per year
AC/DC	BZA 109 08/1	368
CAP2, (EBN) 1	ROFBS 197 67/2	69

ISDN PRI port		
CCS4, (EBN) Power supply	BMLBS 101 34/4	75
CIP, (EBN) VoIP 16 channels	ROFBS 197 98	20
CPJ6, (EBN) CPU Mother Board	BDVBS 101 16	22
CTS2, (EBN) 2 ISDN BRI ports	ROFBS 197 61/2	460
DC/DC	ROF 137 6303/1	450
DSU	ROF 131 4414/14	75
Digital phone	DBC 220 01/x	333
Digital phone	DBC 222 01/x	167
Digital phone	DBC 223 01/x	143
Digital phone	DBC 225 01/x	122
ELU26	ROF 137 5321/12	35
ELU31	ROF 137 5412/3	72
ELU33	ROF 137 5062/1	36
ELU34	ROF 137 5064/1	15
ESU	1/ROF 137 6301/1	10
Fan Unit	BFD 509 13/1	100
IPLU	ROF 137 5067/1	30.7
IP phone	DBC 420 02/x	94
IP phone	DBC 422 01/x	125
IP phone	DBC 422 02/x	65
IP phone	DBC 425 01/x	100
IP phone	DBC 425 02/x	50
Key panel unit	DBY 419 01/x	500
LBP22	BFD 761 40/1	12000
LSU-E	ROF 137 6302/1	80
Media Gateway	BFJ 901 03	6.6
MFU	ROF 137 5348/1	120
MX-ONE Server	BFJ 901 04/1	10
Option unit	DBY 420 01/1	7246
Server DL360	KDU 137 382/4 KDU 137 382/5 KDU 137 382/6	DATA NOT AVAILABLE*
SPU4	ROF 137 5430/11	128
TLU75	ROF 137 5336/x	41
CM 50 <sup>1)</sup>	ROA 219 5064/1	1068
CM 12/16 <sup>1)</sup>	ROA 219 5135/1	856
TLU76	ROF 137 5338/x	80
TLU77	ROF 137 5387/x	48
TLU79	ROF 137 5349/11	39
TLU80	ROF 137 5406/11	43

TLU82	ROF 137 5418/x	38
TMU	ROF 137 5335/12	98
VSU1	ROF 137 5360/2	17
VCU3, VSU3 (SPU4)	ROF 137 5430/11	128