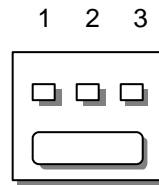


# MB-X71 Jumper Setting & Pin Assignment

## ● FAN1~3 : 3 Pin FAN Connector

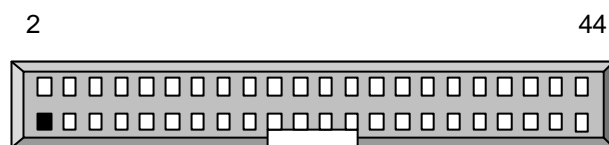
Pin No.	Description
1	Ground
2	+12V
3	FAN Status



FAN1

## ● IDEA1 : IDE Interface Connector ( 44Pin 2.0mm Pitch Header )

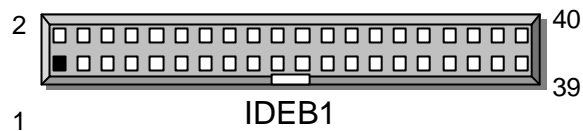
Pin No.	Description	Pin No.	Description
1	Reset #	2	Ground
3	Data 7	4	Data 8
5	Data 6	6	Data 9
7	Data 5	8	Data 10
9	Data 4	10	Data 11
11	Data 3	12	Data 12
13	Data 2	14	Data 13
15	Data 1	16	Data 14
17	Data 0	18	Data 15
19	Ground	20	NC
21	DMA REQ #	22	Ground
23	IOW #	24	Ground
25	IOR #	26	Ground
27	IOCHRDY	28	Ground
29	DMA ACK #	30	Ground
31	Interrupt	32	NC
33	SA 1	34	NC
35	SA 0	36	SA 2
37	HDC CS 0#	38	HDC CS 1#
39	HDD Active	40	Ground
41	VCC	42	VCC
43	Ground	44	NC



1 IDEA1 43

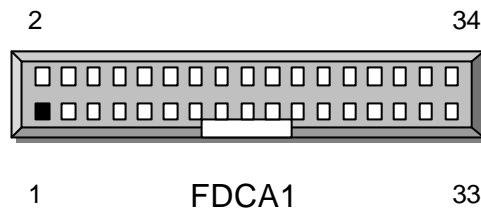
## ● IDEB1 : IDE Interface Connector ( 40Pin 2.54mm Pitch Header )

PIN NO.	DESCRIPTION	PIN NO.	DESCRIPTION
1	Reset #	2	Ground
3	Data 7	4	Data 8
5	Data 6	6	Data 9
7	Data 5	8	Data 10
9	Data 4	10	Data 11
11	Data 3	12	Data 12
13	Data 2	14	Data 13
15	Data 1	16	Data 14
17	Data 0	18	Data 15
19	Ground	20	NC
21	DMA REQ#	22	Ground
23	IOW #	24	Ground
25	IOR #	26	Ground
27	IOCHRDY	28	Ground
29	DMA ACK #	30	Ground
31	Interrupt	32	NC
33	SA1	34	PD80P / SD80P
35	SA0	36	SA2
37	HDC CS0 #	38	HDC CS1 #
39	HDD Active LED #	40	Ground



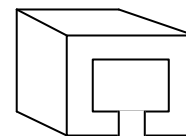
### ●FDCA1 : Floppy Interface Connector ( 34 Pin Header )

Pin No.	Description	Pin No.	Description
1	Ground	2	Density Select
3	Ground	4	NC
5	Ground	6	DS1
7	Ground	8	Index #
9	Ground	10	Motor Enable A #
11	Ground	12	Drive Select B #
13	Ground	14	Drive Select A #
15	Ground	16	Motor Enable B #
17	Ground	18	Direction #
19	Ground	20	Step #
21	Ground	22	Write Data #
23	Ground	24	Write Gate #
25	Ground	26	Track 0 #
27	Ground	28	Write Protect #
29	NC	30	Read Data #
31	Ground	32	Head Side Select #
33	NC	34	Disk Change #



### ●LANA3~6 :Type 1 ( RJ-45)

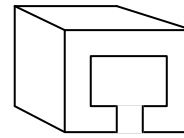
Pin No.	Description
1	TX+
2	TX-
3	RX+
4	T45
5	T45
6	RX-
7	T78
8	T78



LANA3~6

### ●LANA1~2 :Type 1 ( RJ-45 )

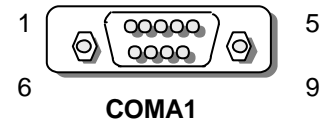
Pin No.	Description	
	Fast Ethernet	Giga Ethernet
1	TX+	MD0+
2	TX-	MD0-
3	RX+	MD1+
4	T45	MD2+
5	T45	MD2-
6	RX-	MD1-
7	T78	MD3+
8	T78	MD3-



LANA1~2

### ●COMA1: RS-232 Serial Port #1 Connector ( D-Sub )

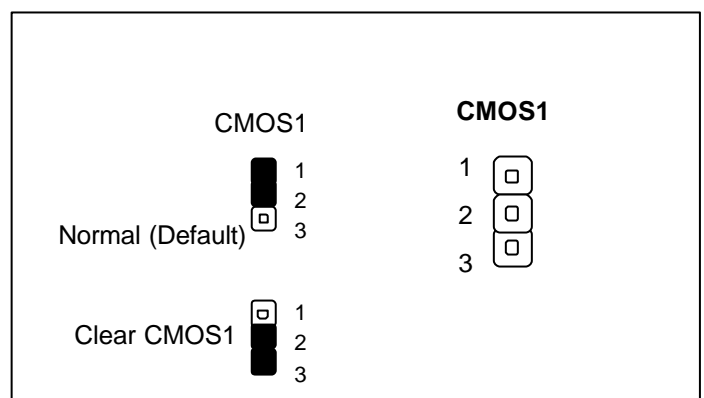
PIN NO.	DESCRIPTION
1	Data Carrier Detect ( DCDA # )
2	Receive Data ( RXDA )
3	Transmit Data ( TXDA )
4	Data Terminal Ready ( DTRA # )
5	Ground ( GND )
6	Data Set Ready ( DSRA # )
7	Request To Send ( RTSA # )
8	Clear To Send ( CTSA # )
9	Ring Indicator ( RIA # )



COMA1

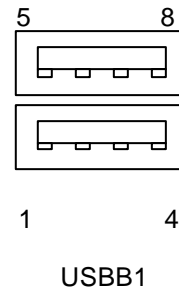
### ●CMOS1:Clear CMOS Data

Description	CMOS1
Normal (Default)	1-2
Clear CMOS	2-3



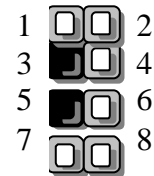
### ●USBB1:USB Dual Connector

PIN NO.	DESCRIPTION
1	USB_VCC
2	USBD0-
3	USBD0+
4	GND
5	USB_VCC
6	USBD1-
7	USBD1+
8	GND



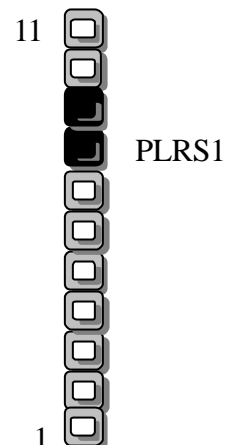
### ●PKMB1:PS/2 Keyboard & Mouse Connector (2x4 Header 2.54mm )

PIN NO.	DESCRIPTION	PIN NO.	DESCRIPTION
1	KBCLK	2	GND
3	NC	4	KBDATA
5	NC	6	MSDATA
7	MSCLK	8	VCC



### ●PLRS1:Power LED,HD LED,Reset,Speaker Connector(11 Pin 2.54mm)

PIN NO.	DESCRIPTION
1	Power LED +
2	Power LED +
3	GND
4	HDD LED +
5	HDD LED -
6	RESET SW +
7	RESET SW - (GND)
8	External Speaker -
9	Internal Buzzer -
10	NC
11	External Speaker +



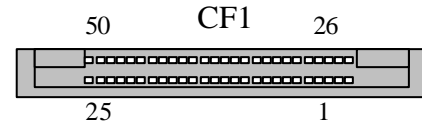
Default :

8-9 (ON)

Internal Buzzer

## ●CF1:Compact Flash Connector

PIN	DESCRIPTION	PIN	DESCRIPTION
1	GND	26	CD1-
2	DATA3	27	DATA11
3	DATA4	28	DATA12
4	DATA5	29	DATA13
5	DATA6	30	DATA14
6	DATA7	31	DATA15
7	CE1#	32	CE2#
8	A10	33	VS1#
9	OE#	34	IOR#
10	A9	35	IOW#
11	A8	36	WE#
12	A7	37	READY#
13	CFVCC3	38	CFVCC3
14	A6	39	CSEL
15	A5	40	VS2#
16	A4	41	RESET
17	A3	42	WAIT#
18	A2	43	INPACK#
19	A1	44	REG#
20	A0	45	DASP#
21	DATA0	46	DIAG#
22	DATA1	47	DATA8
23	DATA2	48	DATA9
24	WP	49	DATA10
25	CD2-	50	GND



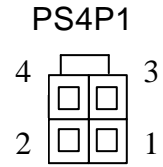
## ●SCF1:Master/Slave Select

Compact Flash Card	SCF1
Master	1-2 (Default)
Slave	2-3



### ●PS4P1:4-Pin Power Connector (P4-4P Male )

Pin No.	Description
1	GND
2	GND
3	+12V
4	+12V

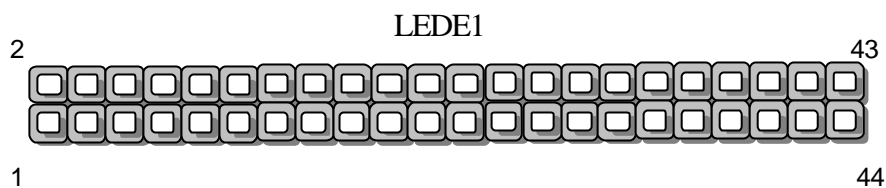


### ●PSA1:20 Pin ATX Power Connector

PIN NO.	DESCRIPTION	PIN NO.	DESCRIPTION
1	+3.3V	11	+3.3V
2	+3.3V	12	-12V
3	GND	13	GND
4	+5V	14	SWITCH
5	GND	15	GND
6	+5V	16	GND
7	GND	17	GND
8	Power Good	18	-5V
9	Stand-By 5V	19	+5V
10	+12V	20	+5V

## ●LEDE1: 2x22 Pin

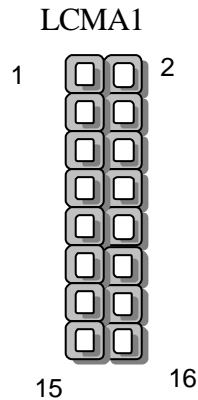
PIN	DESCRIPTION	PIN	DESCRIPTION
1	POWER LED	2	POWER LED
3	POWER LED STATUS	4	POWER LED STATUS
5	Lan1 Link/Active LED-	6	Lan1 Link/Active LED+
7	Lan1 100 LED-	8	Lan1 100 LED+
9	Lan1 1G LED-	10	Lan1 1G LED+
11	Lan2 Link/Active LED-	12	Lan2 Link/Active LED+
13	Lan2 100 LED-	14	Lan2 100 LED+
15	Lan2 1G LED-	16	Lan2 1G LED+
17	Lan3 Link/Active LED-	18	Lan3 Link/Active LED+
19	Lan3 100 LED-	20	Lan3 100 LED+
21	Lan3 1G LED-	22	Lan3 1G LED+
23	Lan4 Link/Active LED	24	Lan4 Link/Active LED
25	Lan4 100 LED	26	Lan4 100 LED
27	Lan4 1G LED	28	Lan4 1G LED
29	Lan5 Link/Active LED	30	Lan5 Link/Active LED
31	Lan5 100 LED	32	Lan5 100 LED
33	Lan5 1G LED	34	Lan5 1G LED
35	Lan6 Link/Active LED	36	Lan6 Link/Active LED
37	Lan6 100 LED	38	Lan6 100 LED
39	Lan6 1G LED	40	Lan6 1G LED
41	NC	42	NC
43	NC	44	NC





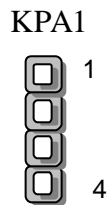
## ● LCMA1: LCM CONNECTOR

PIN	DESCRIPTION	PIN	DESCRIPTION
1	VCC	2	PGND
3	LSTIN-	4	VEE
5	LAFD-	6	LINIT-
7	LPD1	8	LPD0
9	LPD3	10	LPD2
11	LPD5	12	LPD4
13	LPD7	14	LPD6
15	LCD	16	VCC



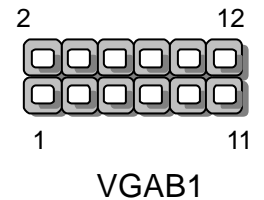
## ● KPA1: LCM Keypad

PIN	DESCRIPTION
1	KPA1
2	KPA2
3	KPA3
4	KPA4



## ● VGAB1 : External VGA Connector ( 12 Pin Header )

Pin No.	Description	Pin No.	Description
1	R	2	Ground
3	G	4	Ground
5	B	6	Ground
7	H-SYNC	8	Ground
9	V-SYNC	10	Ground
11	Detect-display Data	12	Deteck-display CLOCK



## ●PCIB1:124 Pin Mini PCI Socket

Pin No.	Description	Pin No.	Description
1	TIP	2	RING
3	8PMJ-3	4	8PMJ-1
5	8PMJ-6	6	8PMJ-2
7	8PMJ-7	8	8PMJ-4
9	8PMJ-8	10	8PMJ-5
11	LED1_GRNP	12	LED2_YELP
13	LED1_GRNN	14	LED2_YELP
15	CHSGND	16	RESERVED
17	INT-B	18	+5V
19	+3.3V	20	INT-A
21	RESERVED	22	RESERVED
23	GROUND	24	3.3VAUX
25	CLK	26	RST
27	GROUND	28	+3.3V
29	REO	30	GNT
31	+3.3V	32	GROUND
33	AD31	34	PME
35	AD29	36	RESERVED
37	GROUND	38	AD30
39	AD27	40	+3.3V
41	AD25	42	AD28
43	RESERVED	44	AD26
45	C_BE-3	46	AD24
47	AD23	48	IDSEL
49	GROUND	50	GROUND
51	AD21	52	AD22
53	AD19	54	AD20
55	GROUND	56	PAR
57	AD17	58	AD18
59	C_BE-2	60	AD16
61	IRDY	62	GROUND
63	+3.3V	64	FRAME
65	CLKRUN	66	TRDY
67	SERR	68	STOP
69	GROUND	70	+3.3V
71	PERR	72	DEVSEL
73	C_BE-1	74	GROUND
75	AD14	76	AD15
77	GROUND	78	AD13
79	AD12	80	AD11
81	AD10	82	GROUND
83	GROUND	84	AD9
85	AD8	86	C_BE-0
87	AD7	88	+3.3V
89	+3.3V	90	AD6
91	AD5	92	AD4
93	RESERVED	94	AD2
95	AD3	96	AD0
97	+5V	98	RESERVED-WIP
99	AD1	100	RESERVED-WIP
101	GROUND	102	GROUND
103	AC_SYNC	104	M66EN
105	AC_SDATA_IN	106	AC_SDATA_OUT
107	AC_BIT_CLK	108	AC_CODEC_ID0
109	AC_CODEC_ID1	110	AC_RESET
111	MOD_AUDIO_MON	112	RESERVED
113	AUDIO_GND	114	GROUND
115	SYS_AUDIO_OUT	116	SYS_AUDIO_IN



117	SYS_AUDIO_OUT GND	118	SYS_AUDIO_IN GND
119	AUDIO_GND	120	AUDIO_GND
121	RESERVED	122	MPCIACT
123	VCC5VA	124	3.3AUX