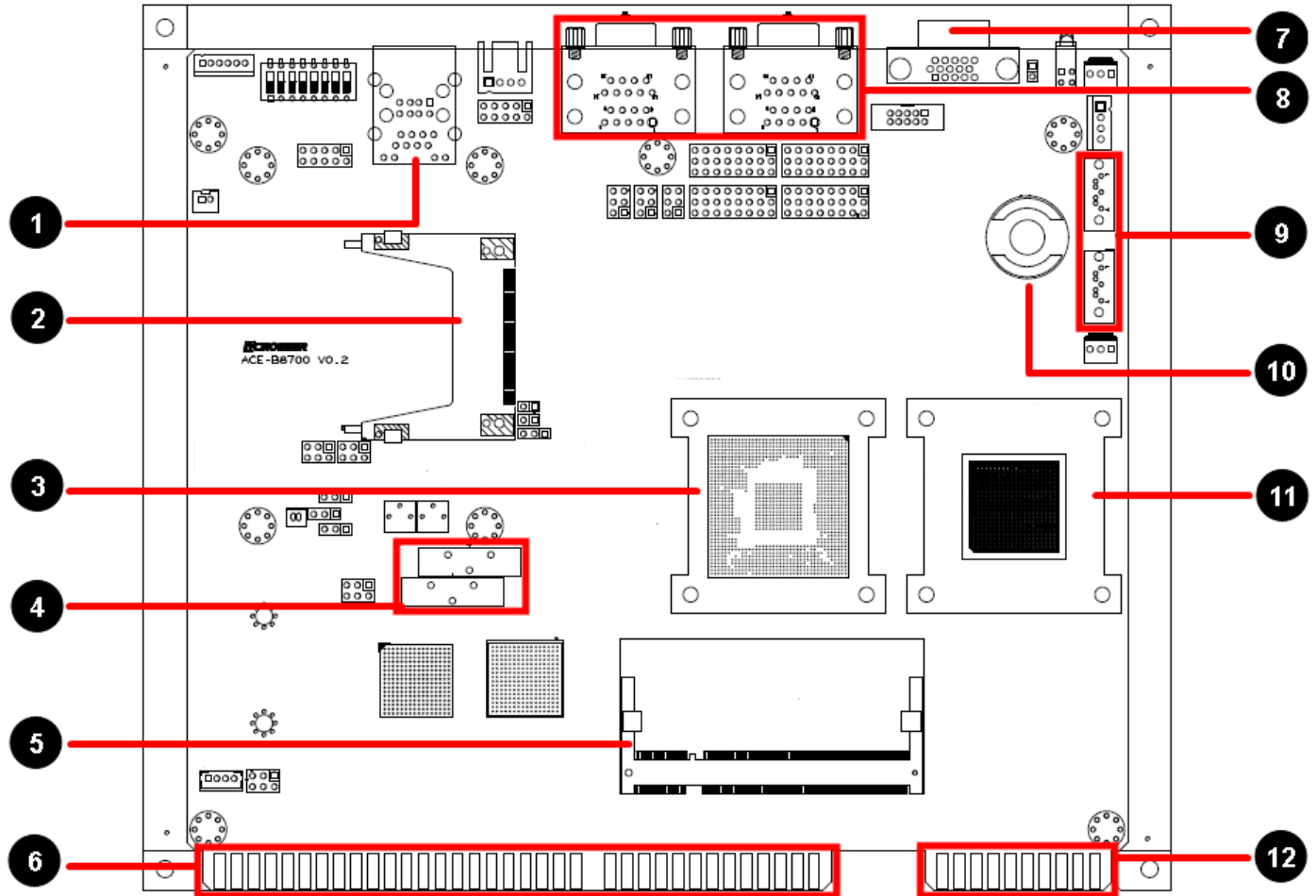


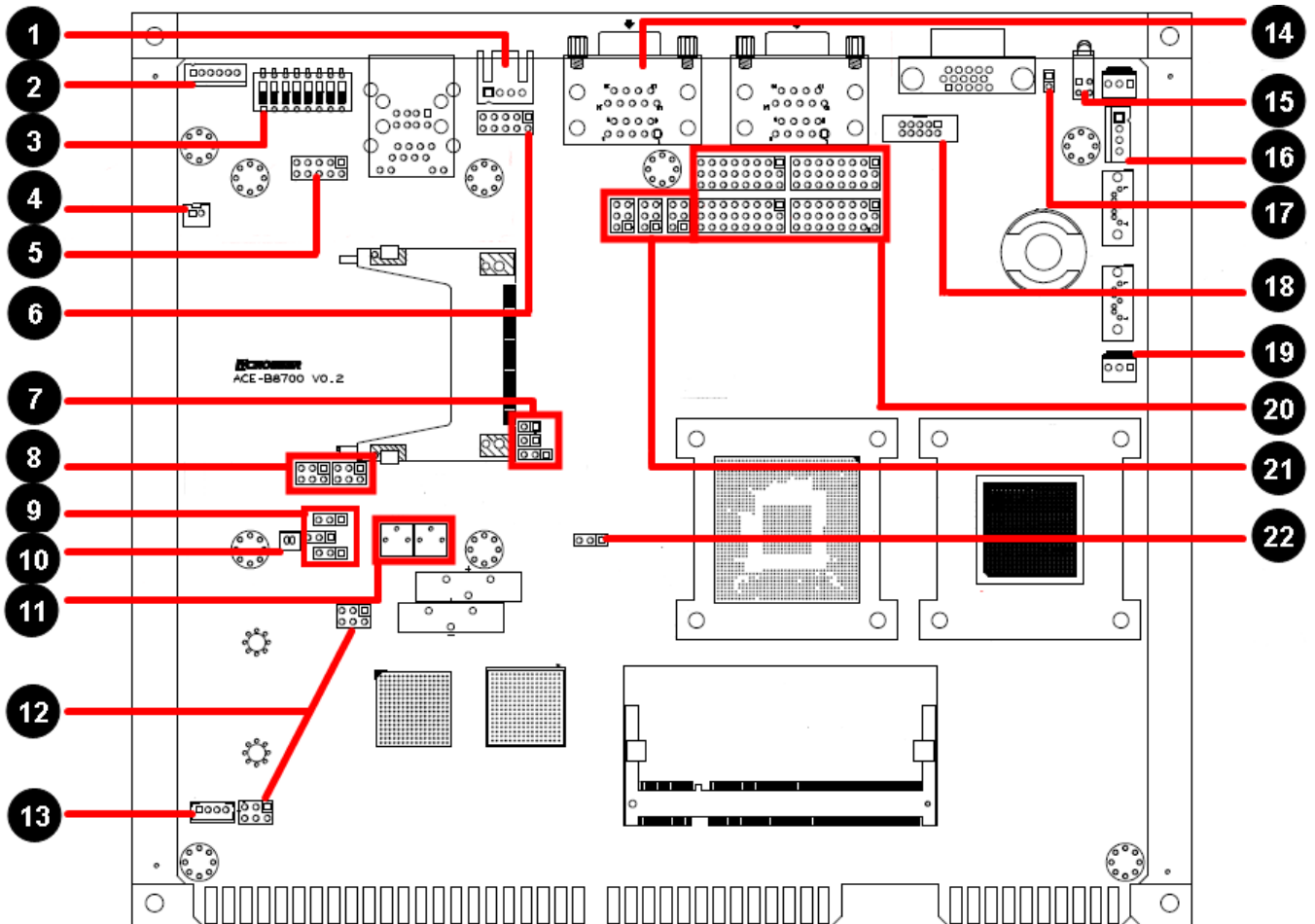
ACE-B8701 Quick Manual V1.0

1.Mainboard illustration (Top Side)




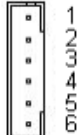





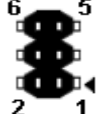

1	USB1 One RJ45 with two layer USB connector	5	DIMM1 DDR2 SODIMM socket	9	SATA1 & SATA2 Standard 7-pin SATA connector
2	CF1 Standard CF Card Slot	6	72 Pins Golden Fingers General Gaming interface	10	U73 iButton holder
3	U6 Chipset VIA VX800	7	VGA1 D-Sub 15-pin VGA connector	11	U2 Processor VIA C7 1.5G
4	BAT1 CR2032 Size Coin Battery BAT2 CR2032 Size Coin Battery for AGA/SRAMA	8	COM1_2 & COM3_4 Dual D-Sub 9-pin RS232 connector	12	20 Pins Golden Fingers Work with 72 Pins Golden Fingers



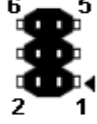
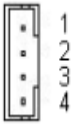
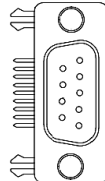



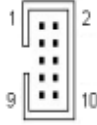
2. Connector and Jumper Setting (Top Side)


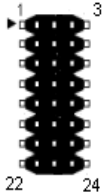




<p>1 CCTALK1 JST connector for ccTalk (Signal share with COM6).</p>	<p>2 KM1 JST connector for Keyboard and Mouse.</p>	<p>3 SW1 8-bit readable DIP switch.</p>
<p>4 CN4 JST connector for Case Open Intrusion logger.</p>	<p>5 CN3 Pin header for 2 USB ports.</p>	<p>6 COM6(optional) Pin header for RS232 port.</p>
<p>7 JP11 CF Card master/slave select pin header. JP13 CF Card Voltage select pin header.</p>	<p>8 JPC_2 Bill enable, Coin enable and Hopper pre-set pin header.</p>	<p>9 JBAT3 SRAM A and SRAM B supply voltage select from BAT2 or BAT3 pin header. JSRAMA & JSRAMB SRAM A and SRAM B data clear pin header.</p>
<p>10 BAT3(optional) Rechargeable Battery for SRAM A and SRAM B.</p>	<p>11 VR1 & VR2 Adjust audio volume.</p>	<p>12 JPB_1 Select Audio output with/without amplifier pin header. JPB_2 Select SPEAKER RIGHT+ connect to 72 Pins Golden Fingers (B4, B5) or (A2, B2).</p>
<p>13 AUDIO1 JST connector for Audio output.</p>	<p>14 COM3_4 RS232/ccTalk/RS485 output.</p>	<p>15 LED1 LED for Power & HDD.</p>
<p>16 SATAPWR1 JST connector for SATA power.</p>	<p>17 JP20 Reset pin header.</p>	<p>18 VGA2 Secondary VGA.</p>
<p>19 FAN1 CPU Fan Connector.</p>	<p>20 JPA_1 & JPA_2 Select COM1 or COM2 is RS232 or TTL. JPA_3 Select COM3 is RS232 or ccTalk. JPA_5 Select COM4 is RS232 or RS485.</p>	<p>21 JPA_4 Select COM3 is RS232 or ccTalk. JPA_6 Select COM4 is RS232 or RS485. JPA_7 Select COM6 is RS232 or ccTalk.</p>
<p>22 JBAT1 CMOS clear pin header.</p>		

3. Connector and Jumper Setting Table

1. CCTALK1		2. KM1		3. SW1																																																																	
	<table border="1"> <thead> <tr> <th>Pin</th> <th>Signal</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>DATA</td> </tr> <tr> <td>2</td> <td>COM</td> </tr> <tr> <td>3</td> <td>NC</td> </tr> <tr> <td>4</td> <td>12V</td> </tr> </tbody> </table>	Pin	Signal	1	DATA	2	COM	3	NC	4	12V		<table border="1"> <thead> <tr> <th>Pin</th> <th>Signal</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Mouse data</td> </tr> <tr> <td>2</td> <td>Keyboard data</td> </tr> <tr> <td>3</td> <td>GND</td> </tr> <tr> <td>4</td> <td>5V</td> </tr> <tr> <td>5</td> <td>Mouse clock</td> </tr> <tr> <td>6</td> <td>Keyboard clock</td> </tr> </tbody> </table>	Pin	Signal	1	Mouse data	2	Keyboard data	3	GND	4	5V	5	Mouse clock	6	Keyboard clock		<table border="1"> <thead> <tr> <th>Status</th> <th>Signal</th> </tr> </thead> <tbody> <tr> <td>ON</td> <td>GND</td> </tr> <tr> <td>OFF</td> <td>3.3V</td> </tr> </tbody> </table>	Status	Signal	ON	GND	OFF	3.3V																																		
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■ 72 Pins Golden Finger

- I: TTL Input
- I.I: Isolated Input
- O.D: Open Drain Output
- A.O: Audio Output

Component Side				Solder Side		
I/O TYPE	Port/Bit	Function	Pin	Function	Port/Bit	I/O TYPE
			1			
A.O		SPEAKER RIGHT+	2	Audio GND		
A.O		SPEAKER LEFT +	3	Audio GND		
I.I	B0	Button 1	4	Audio GND		
I.I	B1	Button 2	5	SPEAKER RIGHT+		A.O
I.I	B2	Button 3	6	Door SW2	A1	I
I.I	B3	Button 4	7	Door SW3	A2	I
I.I	B4	Button 5	8	Door SW4	A3	I
I.I	B5	Button 6	9	Door SW5	A4	I
I.I	B6	Button 7	10	Touch-Cal Key-Lock	D3	I.I
I.I	B7	Button 8	11	Spare Key-Lock	D4	I.I
I.I	C0	Button 9	12	Coin-En	I0	O.D
I.I	C1	Button10	13	Bill-En	I1	O.D
			14			
I.I	D0	Dissolve Key-Lock	15	Button 15	C6	I.I
I.I	C2	Button11	16	Button 16	C7	I.I
I	A0	Door SW1	17			
I.I	E0	Coin-In Signal A	18	Button 12	C3	I.I
I.I	E2	Bill-In	19	Coin-In Signal B	E1	I.I
I.I	D1	OM Key-Lock	20	Setup Key-Lock (Hand Pay)	D2	I.I
I.I	C5	Button 14	21	Button 13	C4	I.I
		GND	22	Hopper Sensor	E3	I.I
O.D	H7	Spare Meter1	23	Lamp13	G4	O.D
O.D	H0	Key-In Meter	24	Hand-Pay Meter1	H5	O.D
O.D	H1	Bill-In Meter	25	Hand-Pay Meter2	H6	O.D

Component Side				Solder Side		
I/O TYPE	Port/Bit	Function	Pin	Function	Port/Bit	I/O TYPE
O.D.	H2	Coin-In Meter	26	Lamp14	G5	O.D.
O.D.	H3	Pay-Out Meter	27	Lamp15	G6	O.D.
O.D.	H4	Key-Out Meter	28	Lamp16	G7	O.D.
O.D.	F0	Lamp1	29	Lamp7	F6	O.D.
O.D.	F1	Lamp2	30	Lamp8	F7	O.D.
O.D.	F2	Lamp3	31	Lamp9	G0	O.D.
O.D.	F3	Lamp4	32	Lamp10	G1	O.D.
O.D.	F4	Lamp5	33	Lamp11	G2	O.D.
O.D.	F5	Tower Lamp6	34	Tower Lamp12	G3	O.D.
		GND	35	GND		
		GND	36	GND		

■ 20 Pins Golden Finger

Component Side				Solder Side		
I/O TYPE	Port/Bit	Function	Pin	Function	Port/Bit	I/O TYPE
		GND	1	GND		
		GND	2	GND		
		+5V	3	+5V		
		+5V	4	+5V		
		+12V	5	+12V		
		+12V	6	+12V		
O.D.	I2	Hopper SSR	7			
			8			
		GND	9	GND		
		GND	10	GND		