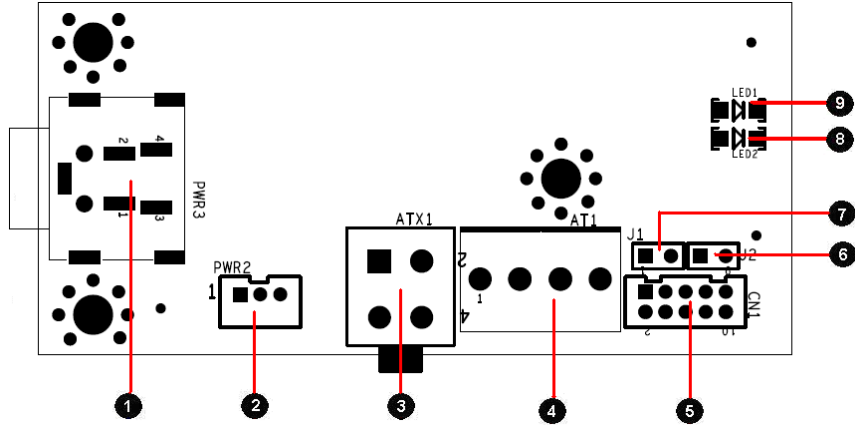


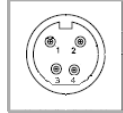

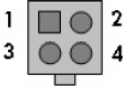

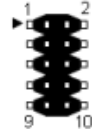

# AR-B9427C Quick Manual V1.0




## 1. Board illustration (Top Side)



<p><b>1 PWR3</b> Adapter input connector. (+12V DC power input)</p>	<p><b>2 PWR2</b> ATX power connector with +5VSB and ATX power-on/off control.</p>
<p><b>3 ATX1</b> Mini-Fit 4.2mm/4-pin for +12Vdc output.</p>	<p><b>4 AT1</b> WAFER 3.96mm/4-pin for +12Vdc output.</p>
<p><b>5 CN1</b> AT mode main power switch and remote control switch connector.</p>	<p><b>6 J2</b> Remote main power on /off.</p>
<p><b>7 J1</b> AT mode main power on /off switch.</p>	<p><b>8 LED2</b> +12 power-on LED.</p>
<p><b>9 LED1</b> +5VSB power-on LED.</p>	

## 2. Connector and Jumper Set-up

<p><b>1. PWR3</b> Adapter input connector. (+12V DC power input)</p>  <table border="1"> <thead> <tr> <th>PIN</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>+12V</td> </tr> <tr> <td>2</td> <td>+12V</td> </tr> <tr> <td>3</td> <td>GND</td> </tr> <tr> <td>4</td> <td>GND</td> </tr> </tbody> </table>	PIN	Description	1	+12V	2	+12V	3	GND	4	GND	<p><b>2. PWR2</b> ATX power connector with +5VSB and ATX power-on/off control</p>  <table border="1"> <thead> <tr> <th>PIN</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>GND</td> </tr> <tr> <td>2</td> <td>PSON#</td> </tr> <tr> <td>3</td> <td>+5VSB</td> </tr> </tbody> </table>	PIN	Description	1	GND	2	PSON#	3	+5VSB												
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<p><b>5. CN1</b> AT mode main power switch and remote control switch connector (2.00mm/2*5pin)</p>  <table border="1"> <thead> <tr> <th>PIN</th> <th>Description</th> <th>PIN</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>AT power switch</td> <td>2</td> <td>GND</td> </tr> <tr> <td>3</td> <td>Remote control switch</td> <td>4</td> <td>GND</td> </tr> <tr> <td>5</td> <td>PS_ON</td> <td>6</td> <td>PS_ON_R</td> </tr> <tr> <td>7</td> <td>N.C</td> <td>8</td> <td>N.C</td> </tr> <tr> <td>9-</td> <td>CLED</td> <td>10</td> <td>GND</td> </tr> </tbody> </table>	PIN	Description	PIN	Description	1	AT power switch	2	GND	3	Remote control switch	4	GND	5	PS_ON	6	PS_ON_R	7	N.C	8	N.C	9-	CLED	10	GND	<p><b>6. J2</b> Remote main power on /off (2.54mm/2-pin)</p>  <table border="1"> <thead> <tr> <th>PIN</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>AT power switch</td> </tr> <tr> <td>2</td> <td>GND</td> </tr> </tbody> </table>	PIN	Description	1	AT power switch	2	GND
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<b>7. J1</b> AT mode main power on /off switch (2.54mm/2-pin)		<b>8.LED2</b> +12 power-on LED (Red LED)							
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1	Remote control switch								
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<b>9. LED1</b> +5VSB power-on LED (Green LED)									
									

Remote control truth table

	Remote #1	Remote #2	PS_ON (CN1, 5-6)	+5VSB	+12V	LED
A T	L	L	H	OFF	OFF	OFF
	L	H	H	ON	ON	ON
	H	L	H	ON	ON	ON
	H	H	H	OFF	OFF	OFF
A T X	L	L	L	OFF	OFF	OFF
	L	H	L	ON	ON	ON
	H	L	L	ON	ON	ON
	H	H	L	OFF	OFF	OFF

※ L: Low means switch is close, H: high means switch is open.