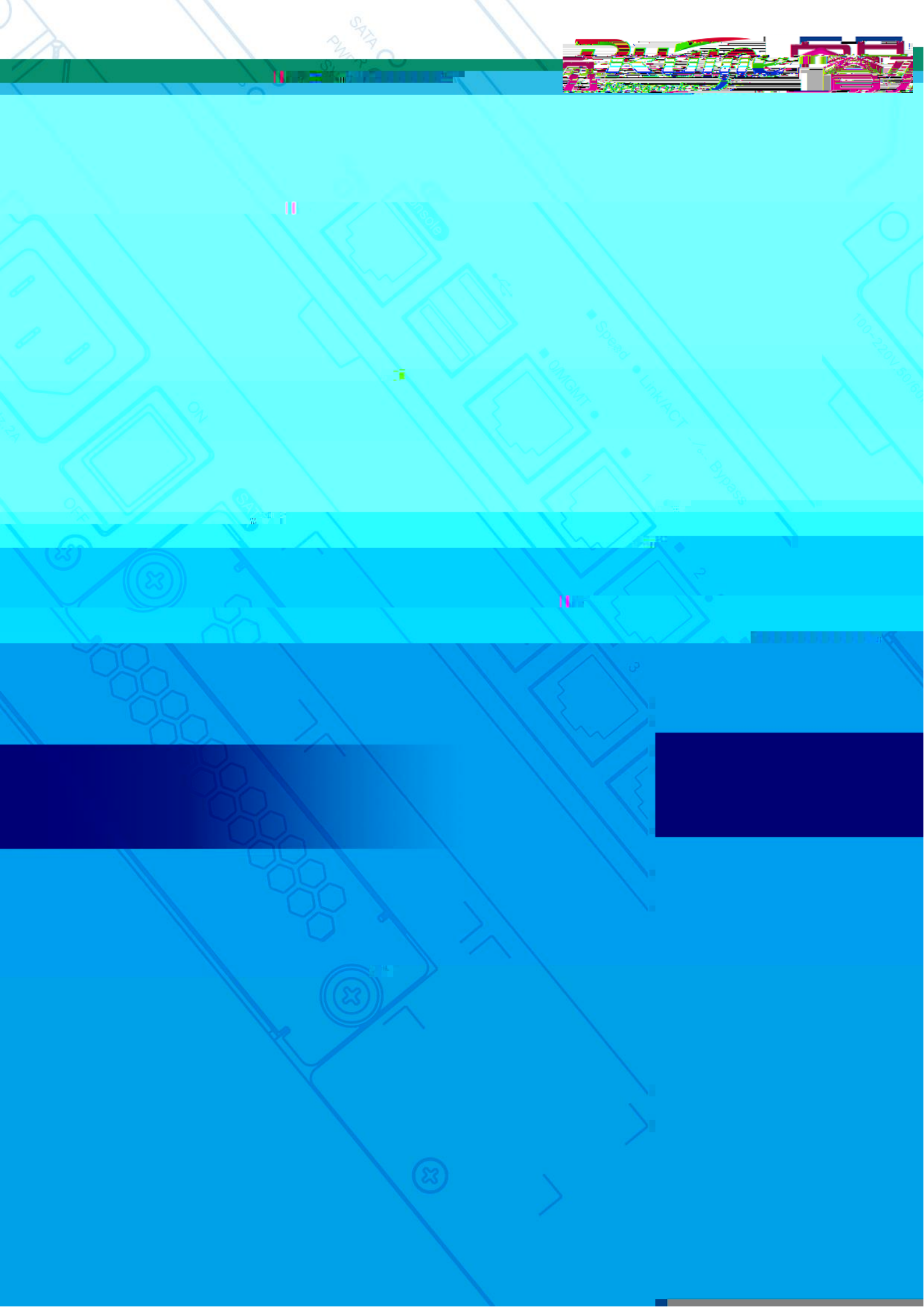




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<http://www.ruijiery.com/>

<http://ocs.ruijie.com.cn/?p=smb>

1

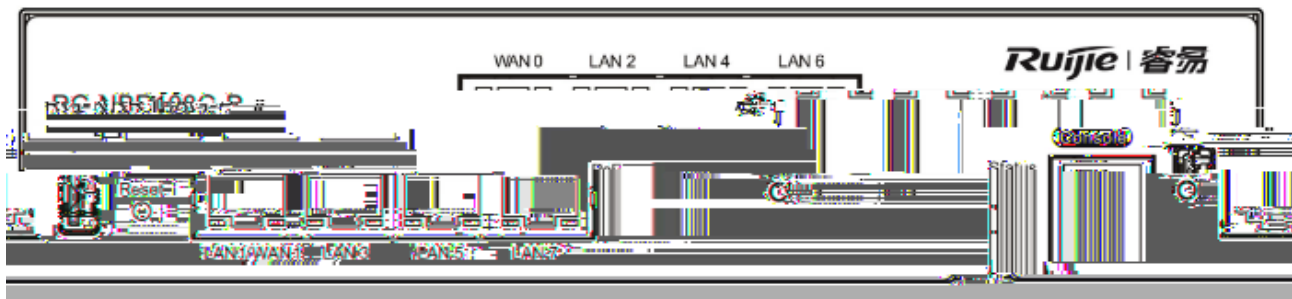
RG-NBR108G-P
 └─RG-NBR108G-P
 └─

1.1

	RG-NBR108G-P
	DDR3 SDRAM 512MB eMMC 4GB

1.2

1-1 RG-NBR108G-P



RG-RAP220	12.95W	V1.0	RGOS 11.1(5)B23
RG-RAP220(E)	12.95W	V1.0	RGOS 11.1(5)B23
RG-RAP630(CD)	25W	V1.0	RGOS 11.1(5)B23
RG-RAP630(IODA)	25W	V1.0	RGOS 11.1(5)B23
RG-RAP110(E)	4W	V1.0	RGOS 11.1(5)B23

AP

APIШ

2.1

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2.2

RG-NBR108G-P

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2.2.1 /

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15 Ń~30 Ń	0 Ń~45 Ń	40%~65%	10%~90%

1.5m

0.4m

48

15

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2.2.2

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	0.5	1	3	5
	1.4×107	7×105	2.4×105	1.3×105

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	mg/m3	mg/m3
	0.2	1.5
	0	0.03
	0.04	0.15
	0.05	0.15
	0.01	0.3

2.2.3

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2.2.4



2.2.5

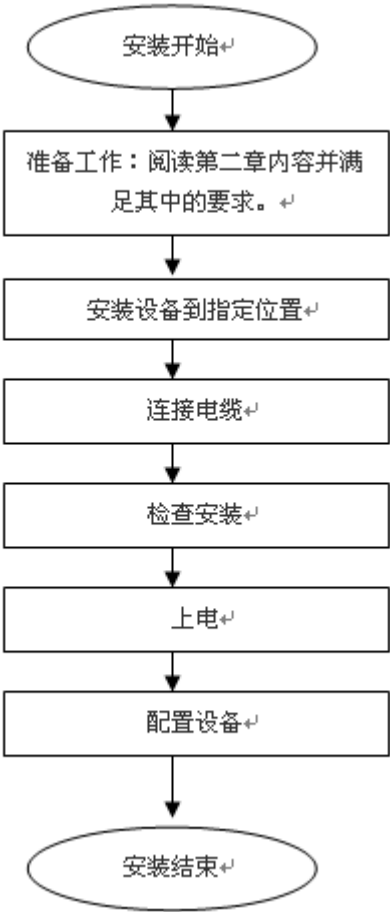


2.3

	Ч				
	Ч	Ч	Ч		
	HUB	Ч		PC	Ч

3

3.1



3.2

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10cm

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DB-9 Ш

3.6

[illegible]

Console



图 4-2

4.2

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```
-----
0 |    11 11 12 12 11 10 11 8 8 9
```

```
10 |    10 12 9 12 9 11
```

```
=====
TX perbyte calibration
=====
```

```
DQS loop = 15, cmp_err_1 = ffff0000
```

```
dqs_perbyte_dly.last_dqsdly_pass[0]=15, finish count=1
```

```
dqs_perbyte_dly.last_dqsdly_pass[1]=15, finish count=2
```

```
DQ loop=15, cmp_err_1 = ffff0000
```

```
dqs_perbyte_dly.last_dqdly_pass[0]=15, finish count=1
```

```
dqs_perbyte_dly.last_dqdly_pass[1]=15, finish count=2
```

```
byte:0, (DQS,DQ)=(8,8)
```

```
byte:1, (DQS,DQ)=(8,8)
```

```
20,data:88
```

```
[EMI] DRAMC calibration passed
```

```
=====
MT7621 stage1 code done
```

```
CPU=50000000 HZ BUS=16666666 HZ
=====
```

```
Boot 2.0.30-00687-g3f031ab (Jun 12 2017 - 19:41:25)
```

```
Board: Ralink APSoC DRAM: 448 MiB
```

```
relocate_code Pointer at: 9bf40000
```

```
Config XHCI 40M PLL
```

```
flash manufacture id: 1, device id 40 15
```

```
find flash: S25FL116K
```

```
In: serial
```

```
Out: serial
```

```
Err: serial
```

```
=====
Ralink UBoot Version: 4.2.S.1
```

```
-----
ASIC 7621_MP (MAC to MT7530 Mode)
```

```
DRAM_CONF_FROM: Auto-Detection
```

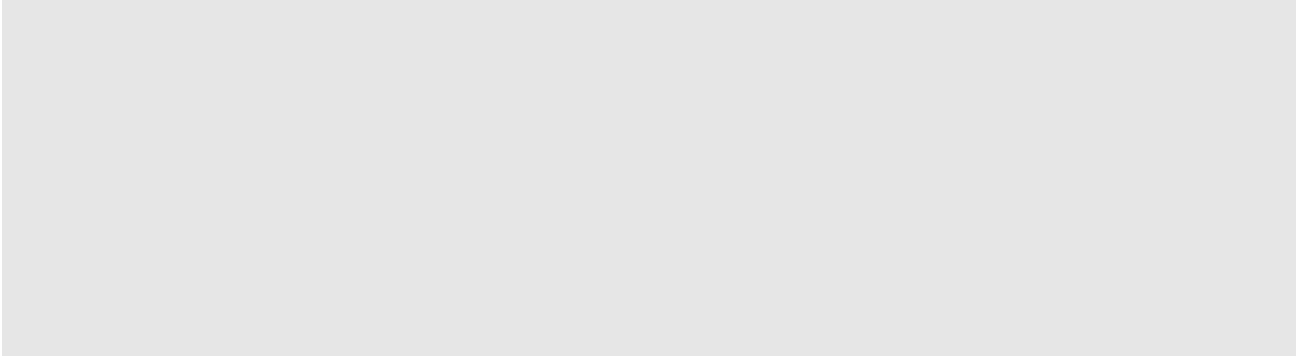
```
DRAM_TYPE: DDR3
```

```
DRAM bus: 16 bit
```

```
Xtal Mode=3 OCP Ratio=1/3
```

```
Flash component: SPI Flash
```

```
Date:Jun 12 2017 Time:19:41:25
```

5

5.1



5.2

