



® ¼ Ä V1.24Å

RG-NPE 3G

5A7

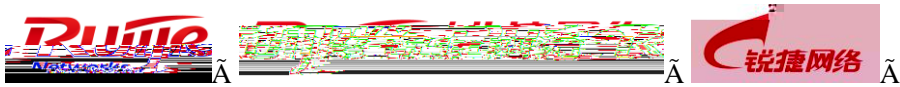


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1

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-(EtÉ

Ø	B
È È ¼	È È
È ¼	È È

XI@§

RG-NPExxx 3+G510 j@§

NPExxx 3+G5Ä

B4;B5Zj,tv,y-jE69iEJ.

Äpaie"D)Ä

456F0Lu65547,CJë

F5ž

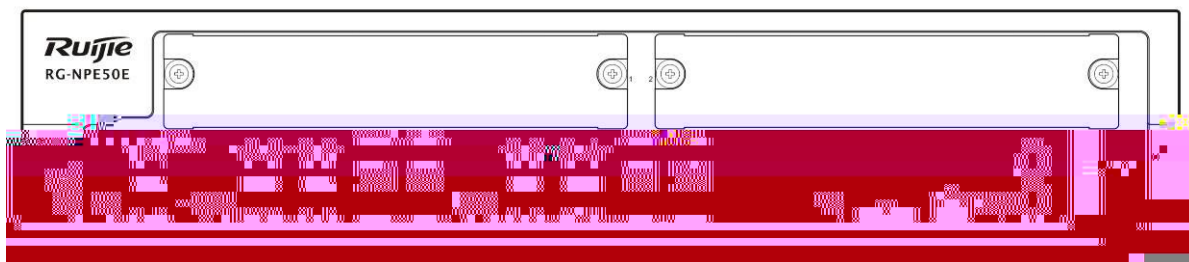
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1 ú

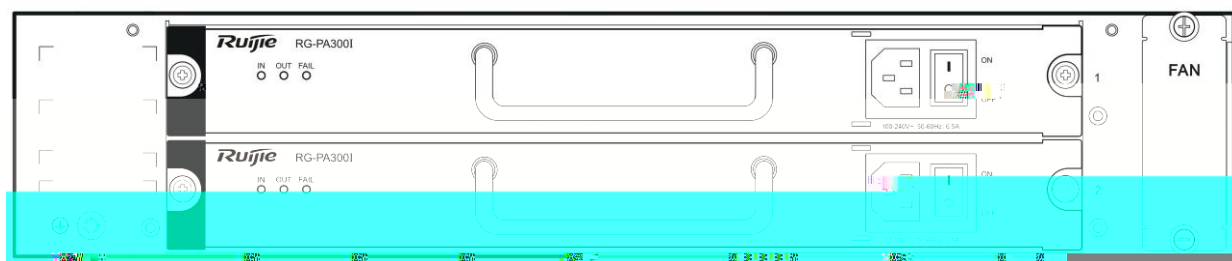
2

1.1.2 1. NPE50E 5E

1.1.2.1 1. NPE50E 5E 1



1-3 1. NPE50E 5E 1



1-4 1. NPE50E 5E 1

1.1.2.2 1. NPE50E 5E 1

1. NPE50E , 1

№	1
1	DDR2 SDRAM 4GB
2	NorFlash 8MB
3	NandFlash 512MB

I/O 1

svZ5

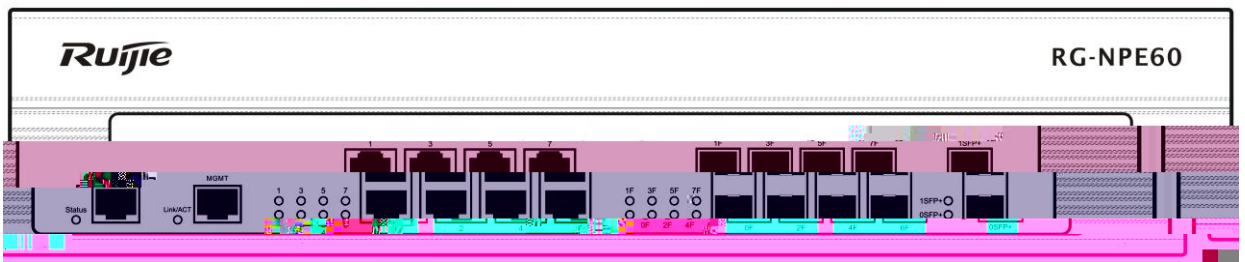
1 8 y+e+X1Z1wF> WAN/LAN 7E
 1 0/1A 0/3A 0/5A 0/7 UA 0 WAN E 0/0A 0/2A
 0

<p>BYPASS</p>	<p>BYPASSÖ 1 0/0-0/1, 0/2-0/3 T Ä BYPASS y BYPASSÖ BYPASS</p>
<p>1</p>	<p>2 Z RG-PA300I</p>
<p>'</p>	<p>N Ö</p>
<p>Ö</p>	<p>Ö 10Base-T/100Base-TX/1000Base-TX, 1000BASE-SX/LX/ZX</p>

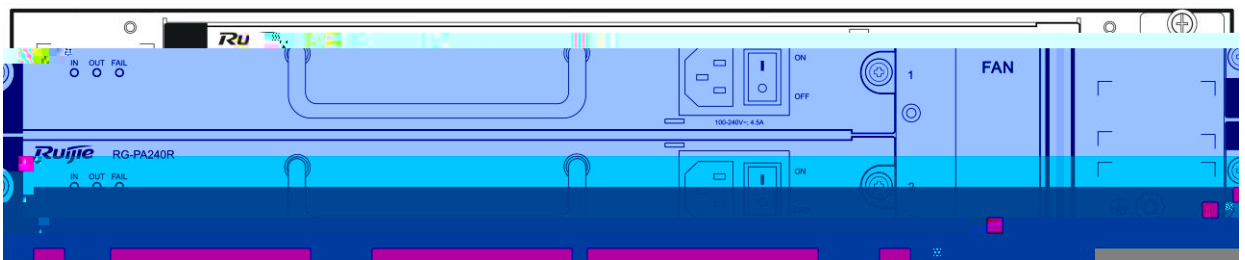
		1000BASE-T	1000BASE-T
SD		1000BASE-T	1000BASE-T
USB		1000BASE-T	1000BASE-T
1000BASE-T	Link 7	link 8	link 8
1000BASE-T	ACT 7	9	9
0-7		1000BASE-T	1000BASE-T
0F-7F	sy7	link 8	link 8
OBS0,OBS1	y	1000BASE-T	1000BASE-T
BYPASS	7	1000BASE-T	1000BASE-T

1.1.3 NPE60 5E

1.1.3.1 NPE60 5E



1-5 NPE60 5E M



1-6 NPE60 5E M

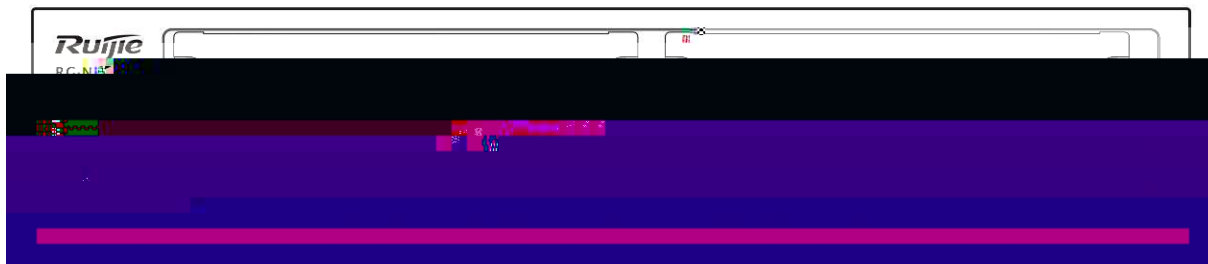
1.1.3.2 NPE60 5E

NPE60, G5Z

N	F
0	DDR2 SDRAM 2GB
	BOOTROM 2MB
	FLASH 512MB

1.1.4 ② NPE60E 5②

1.1.4.1 ② NPE60E 5② ②



. 1-7

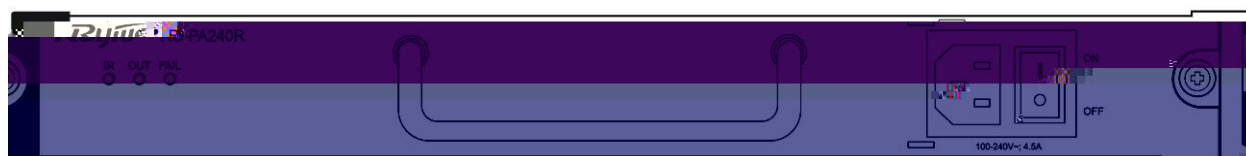
	SD Ö 1 P
BYPASS	<p>BY PASSÖ</p> <p>1 0/0-0/1, 0/2-0/3</p> <p>100] 80 BYPASSÖ</p> <p>BY PASS Ö</p> <p>y BY PASSÖ</p> <p>100] BY PASS Ö</p>
000	1 2 Z RG-PA300I
'	N Ö
Ö	<p>Ö 10Base-T/100Base-TX/1000Base-TX,</p> <p>1000BASE-SX/LX/ZX 10G BASE-SX/LX</p> <p>Ö Ä & Ö RS-232</p>
Ej (W h Hh D)	440mmh 88.1mmh 420mmh
e	100-240V~;50-60Hz
j	¼ 100W

FAN	88ç 88ç 88ç 48ç
SD	88ç 88ç
USB	88ç 88ç
18ç Link 7ç	link 88ç
18ç ACT 7ç	98ç
0-7 ç	88ç 88ç / 88ç 8 ç 88ç
0F-7F sy7 ç	link 88ç 88ç
OBS0, OBS1 y BYPASS 7ç	88ç 88ç
0SFP+ 1SFP+7 ç	58ç Link 58ç ACT 88ç Link

1.2 88ç

1.2.1 RG-PA240R 88ç

1.2.1.1 88ç



1-9 RG-PA240R + 88ç

7/jB\$	88ç
IN	88ç 88ç hç 88ç 88ç
OUT	88ç 88ç 5/8hç 88ç 88ç &
FAIL	+88ç 88ç +88ç 88ç 48ç

1.2.1.2 88ç 88ç

88ç	88ç
88ç	100-240V~; 50-60Hz; 4.5A

1.3.1 ~~AP~~

```

NPE 3+G5E      F2+X6J,55)AÖ
  4i      RJ45 5AÄ      ARP AÖ
55r:1      TCP/IP A27Ä      IPÄ ICMPÄ IGMPÄ TCP ¼ UDPÄyAÖ
1J/y      IP :,0+aAÖ      RIP(V1/V2)È OSPF 1y
15516AÖ      SNMP
1  TELNET
1  DHCP 1y
1  PPPoE
128EÄ      X-MODEM w4x8
1  NAT
11#D+a
1  VRRP
1  L2TPÈ PPTP AÖ
1  TFTP
    
```

1.3.2 ~~U~~ ~~M~~

```

E9ME5#B4X4Ä
+X714G-9B4;B57;úL6Ä Ä
8      web +M7ö      CLI G5žME-4X @ 55ÖWÄ
    
```

1.3.3 ~~AÖS~~

```

#B3BDDZ#      DEBUG 7#/5uLÄ
#A#m/j7-EXg)55,W7-740-1Ä
1J/40,65Ö
FJE÷Console F#5ž
FJE÷TELNET ,65ž
FJE÷TFTP 8}      5ž
    
```

1.3.4 ~~8W~~

```

G+X%1b8      IP 5E% 55pÄFA2wFpÄ
PPP A#8      PAP ¼ CHAP AÄ
1  MAC p5E-Ä
55p6+B°      NAT
    
```

1.3.5

G+Xk.D,θ DPI EÖA5 P2P AXÄ IMÖK
 1J551yXkj 600 J/Ä
 5•5GyLÄx 2465F(ÄXÄ+XÄy(æ
 7ÄXg,ÖÖ /-, IP pÄ
 ÄXAÄ Session ÖW1yB4Ä
 1XgÄ IP pÄ IP pÄX1yjLkÄ
 Ä-ÖHx fÄ Session Gy f1yÄ
 14B;G5F+Xg4Ä IP 4Ä P2P AÄ2Ä2*
 ,ÄXÄ(4x [+XgFV1Ö1+;x fÄ

1.3.6 %ÄÄ

5•5GyLÄx 2465F(ÄXÄ+XÄy(æ
 7ÄXg,ÖÖ /-, IP pÄ
 ÄXAÄ Session ÖW1yB4Ä
 1XgÄ
 1XgÄ

1.3.7

12BEÄ X-MODEM AÄ4/y (² Windows 95Ä Windows NTÄ
 UNIXÄ DOS 1y);FJE÷ Console ;Eäv4x(xÄ
 1FJE÷ TFTP AÄÄÄÄ
 1 BOOTROM X4w4x Ä
 1804x FJE÷ web Fw4x

1.3.8 A7 E.Öe

1Ö+a Ö QyJ/G5Ä6%Ca1yG5ÄÖ 1Ä
 ÖÄA7G5Äx fÄ Öy ÄÄ 2Ä25
 6LÖ5W7-x+O+Ä.
 pze BYPASSÄA7+eÖ1y2hEpe Ý Ä

2 5€



2.1 ■ ©

5€ ~~ap 57-EE~~

X 5€ ,5XE0;CAP

,1 d°

z B=± A7 n5X9"d,EP

A7 Ä

B6 A7 n5XF/Ä

z B!ÄÖ A7 ,hÖ

B+XgX5Ö;kÖ

X

2.2.1

Añ A7 50

E 55

G 51

63 ? 01

Ö

A7 ; μ

A7

Ö

Ö		-()Ö	
Ö	.Ö	Ö	.Ö
15 ~30	0 ~45	40%~65%	10%~90%

2.2.2

B A7 V
A7/E

A7

SÖ

10

LbM%7...

FÖ565Ö

+eÄ

G5Äi

Z5Äi

Ö

-(A75Ö

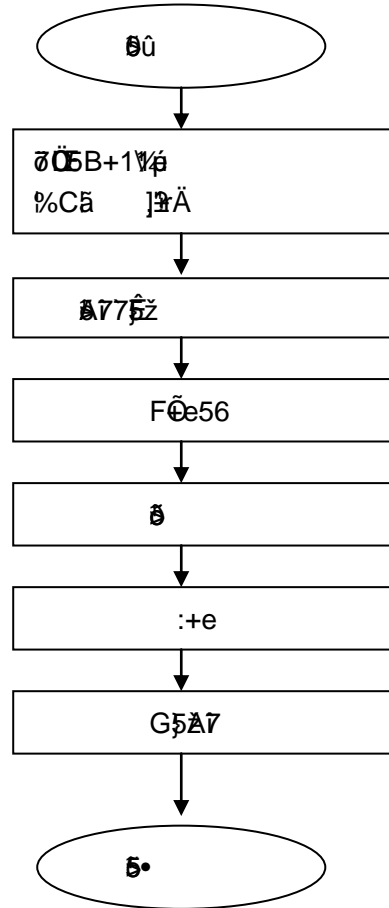
HUB

3 5€ 5

3.1 5€ 5

507556
5

5€ 5



3.2 É 5€ 5Z

5 A7 75Z
5Ä 5€ 5085
5
5CE

É A7Ä 565P

5€ É

3.2.1 5

5€ 5€ 57A5
5

5€

3.2.2

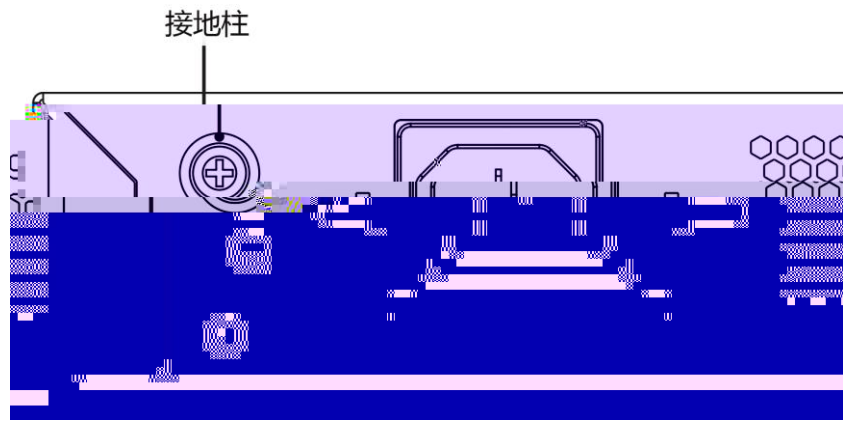
75 6-6 A7 503 E.
 100
 A60cW80
 +XLjy, 5E 0,3 A7 % 10cm, 0E
 A7 :Mh5EAM

3.3

NPE 3+G5E) 63 7B 101 10A O
 100-240~; 50-60Hz
 B:A0e%CA
 5E ,+e94jE>X9W0:(94+eAJ7-PeA
 x Ee\$WA1(P108eX84B6Ee3+5,+eA
 W00A0eA"40
 B9:P0A0
 10E 5E Ljy,+eA01` 5E j1M,+eA:E
 10eA :A
 1E 5E M+eAe+eA

3.4

A6E3A
 NPE3E M % 10 3-2A



. 3-2 NPE3G A 0

3.5

E 5 Z EIA/TIA-232 2503, G5ž ConsoleEJEFZ
Xg@) 5 ,G5E÷ WEB 5 F5E IM0±
 Fõf Ä

xf FÖ

ò	B\$
õ	RJ-45
õö	2† EIA/TIA-232
#©	1 9600bpsÄAÄ 57600bpsÈ 115200bps
1Ñ	1.õ 2.†V40-(F 3.0Z20bõ

EJE:PEÖ 5 xf Ö
 +XLj,tVG5401F` A7 ,xf È1FÖ) A7 F5±
 ,´ DB-9 dõ Ä

3.6

5 E A7 E
 9 A7 X j:Éþ A7 ,@JN(*9XCEõ
 V+9C0,0L0Z0cÄ
 õeþõeÄ A7 E+e808Ä
 õ A7 ,4VFCÄ
 õ A7 5411yA7,Fõ+V!Ä

4 _ 05Ž 5£

4.1 0 5£

4.1.1 65B

X 5£ 10MGE÷ Console 5£ F55

100p/jE0†V40F65p6FJE7ö RS232 456 ¼ 5£ ,

Console 5£x fMÄ FÄ

FJE÷Console 65B

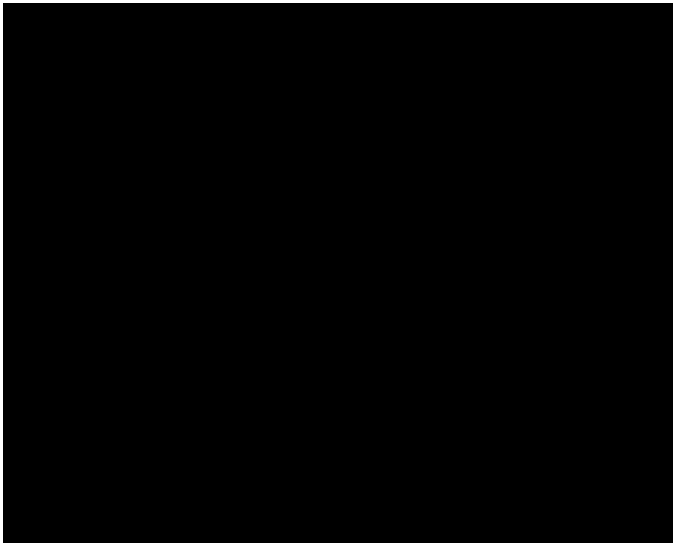
10520,FJAA5E+XJEM0E40/-O0;E Windows

9E5E Hyperterm(C4x 40)1yC4x 40jE90;Ä

C4x 40E6E9% 5£ , Console F0E5EJA0 9600

8 Ä 1 940/-O2* VT100E

., Windows ,C4x 40,A5žMÄ



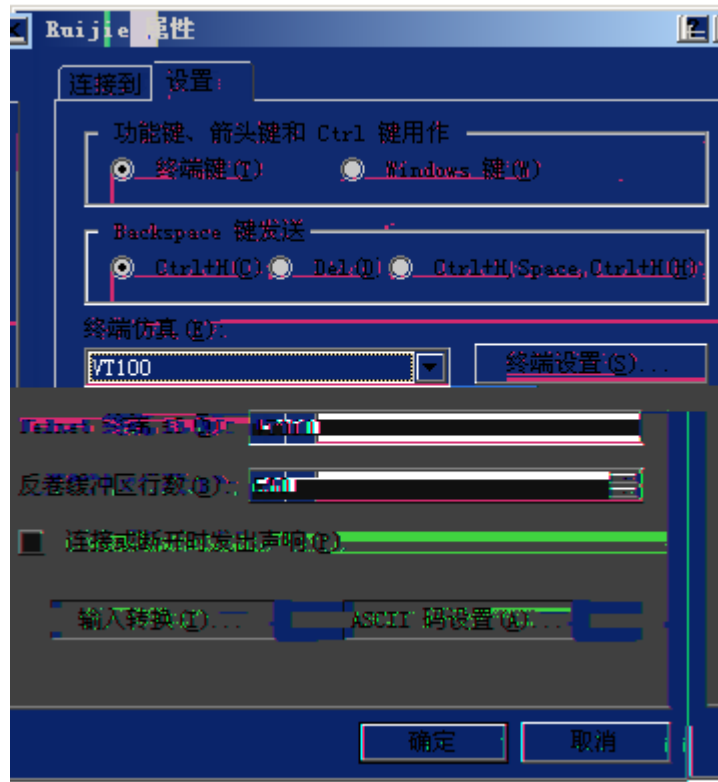
0EÖ



F9¼ 5£ , Console F0



A50,FJA3



F940/-O2*

速率 52 F1eÄ

4.1.2 52 ●

4.1.2.1 ●

● 52 ●

+e0F0Z

Ēe+e> 52 ,FV08\$

G5256F0!G5žXJF40V"40A5%

4.1.2.2 52 ●

● 52 Ēe+e0€

● 52 +e0€ 52 +e05% ON5ž

4.1.2.3

5£ • 5

FJNβ+5Vh

5 :+eNpEoNEX

5£ ,FJNptFBO

0°D, 5 Ä

5£ M:,7/jVh

5 B63101x 7/jB8²

Ä

G520Vn/jh

5£ :+e40:Jn/j

5£ E8@1yK

4.1.3

5£ 10 2k ? 8@ 5

Ø 5€ 5A

4.2 Ø 5€

5€ 5A 5A 5€ 5A 5€ 5A

53-65703

Ä

