

Comparison between WP54-B and WP54-E PCBA Board for OPEN-WRT

Updated on 5th April 2007

Description	WP541B-WRT	WP546B-WRT	WP54-6E
Loader	CFE Loader	CFE Loader	Compex Loader ONLY V2.40 & above supports Open-WRT
CPLD	Required	Required	Not Required

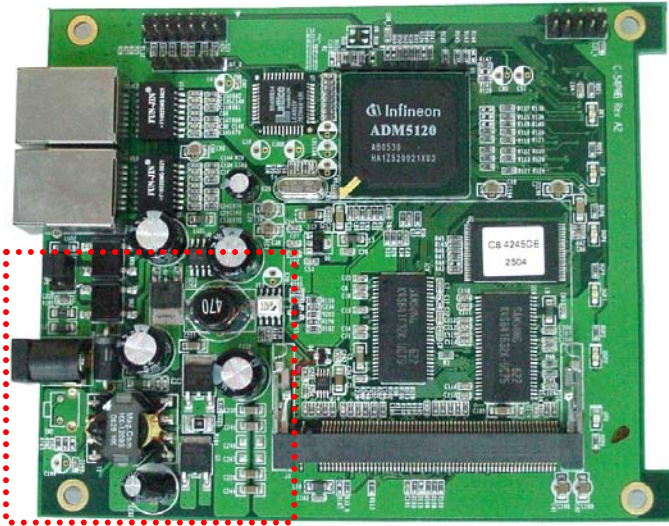
Comparison between WP54-B and WP54-E PCBA Board - Hardware

Hardware Specs	WP54-1B / WP541B-WRT	WP54-6B / WP546B-WRT	WP54-6E
CPU	Infineon ADM5120 @175MHz	Infineon ADM5120 @175MHz	same with 6B
Flash	4MB NOR Flash	4MB NOR Flash	same with 6B
Memory	16MB SDRAM (max up to 32M)	16MB SDRAM (max up to 32M)	16MB SDRAM (max up to 128M)
MiniPCI slot	1x Type IIIB miniPCI slot	1x Type IIIB miniPCI slot	same with 6B
Ethernet port	2x 10/100Base TX Eth port	2x 10/100Base TX Eth port	same with 6B
Debug Interface	Serial / JTAG	Serial / JTAG	same with 6B
User LED	Power, Diag, WLAN, WAN, LAN	Power, Diag, WLAN, WAN, LAN	same with 6B
Reset Push-button	Yes	Yes	same with 6B
Supply Voltage Check	-	-	Optional
Operating Temp	- 20°C to 70°C	- 20°C to 70°C	same with 6B
RoHS	No	Yes	Yes
Dimension	132.08mm x 109.22mm x 1.6mm	132.08mm x 109.22mm x 1.6mm	128mm x 109.22mm x 1.6mm
Standard PoE	Yes	Yes	same with 6B
Non-standard PoE	Compex PoE Plus (48V) or Compex PoE li	Compex PoE Plus (48V) or Compex PoE li	Compex PoE Plus (48V) or 24-48V Passive PoE
Power Supply	5V	5V	12-48V
Lightning Surge Arrestor	no	no	Optional

Differences with PCB

Power Parts is different. (See the parts high-lighted with **red-dot**)

WP54 B version



WP54 E version

