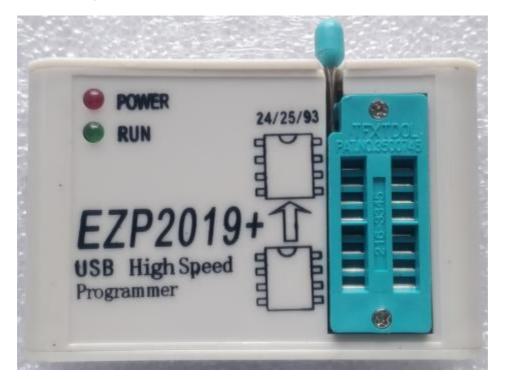
EZP2019+ programmer manual features

Product picture:



Field of application:

This programmer can read and write the bios chips of DVD, TV, PC, harddisk, etc.

Features:

- 1. USB 2.0 interface, the speed is 12Mbps.
- 2. The speed of reading and writing is fast.
- 3. Auto detect chip modles.
- 4. Auto select power votage.
- 5. Surpport 25 FLASH, 24 EEPROM, 25 EEPROM, 93 EEPROM, etc.
- 6. Small shape.
- 7. Windows XP, Windows Vista, Win7, WIN8, WIN10.

List:

- 1. Programmer 1
- 2. Usb cable 1
- 3. CD 1
- 4. Manual (a file on CD) 1
- 5. Simple socket for SMD chips 2

EZP2019+ programmer manual

driver setup

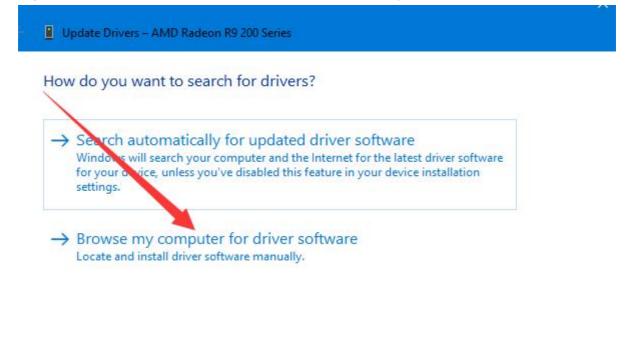
There are tow usb device driver files: installer_x64.exe or install_x86.exe

Run the "*.exe"; The step of usb driver setup is same as other usb devices.

If the automatic installation does not success(Eg:WIN8/WIN10), you can also choose to install USB driver from Device manager.



Right click---à update the driver, then chose "Browse my computer for driver software"



Cancel

1. Browse to the" ../EZP2019+ ver2.0/driver" file(copy the software from the CD to the computer first); And click the next.



2. Some computers may display the following prompt, please select "always install driver "

止任安装	驱动程序软件
	 Windows 安全 ☑ ☑ Windows 无法验证此驱动程序软件的发布者
	◆ 不安装此驱动程序软件(N) 应查看制造商的网站,获得设备的更新驱动程序软件。
	→ 始终安装此驱动程序软件(I) 仅安装来自制造商网站或光盘的驱动程序软件。其他来源的未签名软件可能会 损坏您的计算机或窃取信息。

3. One of the following figures appears, indicating that the driver is installed



EZP2019+ programmer manual software setup

Software not need to install, please run the *.exe programm.

pen Sav	Bead		2	A DTU	Sarà.	FI	Device	(C) About					
hip		- F		0001	0203	0405	0607	0809	0A0B	0000	0E0F	0123456789ABCDEF	
ppe			0000080	PPPP	FFFF	FFFF	FFFF	PPPP	FFFF	FFFF	FFFF	22222222222222222222	
PI_FLASH		-	0x0010	TTTT	FFFF	FFFF	FFFF	FFFF	FFFF	FFFF	FFFF	777777777777777777	
anulacture	(_	0x0020	FFFF	FPFF	FFFF	FFFF	PPPP	FFFF	PPPP	FFFF	777799999999999999	
ST		-	0x0030	FFFF	FFFF	FFFF	FFFF	FFFF	FFFF	FFFF	FFFF	77777777777777777777	
anie			0x0040	FFFF	FPFF	FFFF	FFFF	PPPP	FFFF	FFFF	FFFF	777799999999999999	
ST25VF51	2A.	-	0x0050	FFFF	FFFF	FFFF	FFFF	FFFF	FFFF	FFFF	FFFF	777777777777777777	
			0x0060	FFFF	FFFF	FFFF	FFFF	FFFF	FFFF	FFFF	FFFF	777799999999999999	
Text	Fr	vd	0x0070	FFFF	FFFF	FFFF	FFFF	FFFF	FFFF	FFFF	FFFF	77777777777777777	
	11		0x0080	FFFF	FFFF	FFFF	FFFF	PTPT	FFFF	FFFF	FFFF	7777222222222222	
28	64KB	•	0x0090	FFFF	FFFF	FFFF	FFFF	FFFF	FFFF	TETT	FFFF	2222222222222222222	
esizege	lana.		0x00x0	FFFF	FFFF	FFFF	FFFF	FFFF	FFFF	FFFF	FFFF	777799999999999999	
adcorra	256	_	0x0080	FFFF	FFFF	TTTT	FFFF	2222	FFFF	TTTT	FFFF	222222222222222222	
beed	1.5MHz	-	0x00c0	FFFF	FFFF	FFFF	FFFF	PFFF	FFFF	FFFF	FFFF	77779999999999999	
			0x00D0	PPPP	FFFF	FFFF	FFFF	FFFF	FFFF	PPPT	FFFF	2222222222222222222	
uto Options	10		0x00E0	FFFF	FFFF	FFFF	FFFF	PEFE	FFFF	FFFF	FFFF	777799999999999999	
			0x0020	FFFF	FFFF	FFFF	FFFF	FFFF	FFFF	FFFF	FFFF	2222222222222222222	
R	Exace		0:0100	FFFF	FFFF	FFFF	FFFF	PPPP	FFFF	FFFF	FFFF	777799999999999999	
			0x0110	FFFF	FFFF	TTTT	FFFF	FFFF	FFFF	FFFF	FFFF	********************	
2	Peogram		0x0120	FFFF	FFFF	FFFF	FFFF	PPPP	FFFF	FFFF	FFFF	222222222222222222	
0	0.000/000	i -	* ****										
R	Verity												
50	2010.70												
	AUTO												

EZP2019+ programmer manual select chip

Open Save	Read ERASE
Chip Type	
SPI_FLASH	-
Manufacturer	
WINBOND	-
Name	
W25×10	•
Test	Find
Size Ito	0KD

User can select chip modle from "Type", "Manu" and "Chip" combox.

User can click "Search" to select chip modle too.

EZP2019+ programmer manual search chip

hip		0001 0203	0405 0607	0809	0A0B	OCOD
ſype SPI_FLASH →	0x00000	FFFF FFFF	FFFF FFFF	FFFF	FFFF	FFFF
SPI_FLASH	0x00010	FFFF FFFF	FFFF FFFF	FFFF	FFFF	FFFF
	Chip Select					23
WINBOND 🗾	-	12				
	Find	25Q64		-		
√25×10 <u>▼</u>		<u> </u>				
	Туре	Manufacture	r Name			
Test Find	SPI_FLASH		EN25Q64			
	SPI_FLASH		E GD25Q64 W25Q64		S	elect
ize 128KB 📘	SPI_FLASH SPI_FLASH		W25Q64FW			0,000
agesize 256						
need from the						
peed 12MHz 💌						
uto Options						
					(Quit
						suit
🔽 Erase						
🔽 Program						

Click "find", then pop the above dialog, enter the keyword, the matched chips will be listed in the listbox.

EZP2019+ programmer manual detect chip



Click "Detect", the software will pop a messagebox to show chip name.

The programmer only can detect 25 series spi flash.

Note: Some 8M or more chips are detect ID unstable. recommended to select the chip manually. In addition, if some errors when reading and writing, please to lower the speed(see the picture below).

File(F) Buffer(B) Operation(O) Language(L)	Help(H)			
Open Save Read ERASE	Write		Jank (FIII	2 About	
Chip		0001	0203	0405	0607	080
Type	0x00000	FFFF	FFFF	FFFF	FFFF	FFF
SPI_FLASH	0x00010	FFFF	FFFF	FFFF	FFFF	FFF
Manufacturer	0x00020	FFFF	FFFF	FFFF	FFFF	FFF
EON	0x00030	FFFF	FFFF	FFFF	FFFF	FFF
Name	0x00040	FFFF	FFFF	FFFF	FFFF	FFF
EN25F80	0x00050	FFFF	FFFF	FFFF	FFFF	FFF
	0x00060	FFFF	FFFF	FFFF	FFFF	FFF
Test Find	0x00070	FFFF	FFFF	FFFF	FFFF	FFF
	0x00080	FFFF	FFFF	FFFF	FFFF	FFF
Size 1MB 👻	0x00090	FFFF	FFFF	FFFF	FFFF	FFF
	0x000x0	FFFF	FFFF	FFFF	FFFF	FFF
Pagesize 256	0х000В0	FFFF	FFFF	FFFF	FFFF	FFF
Speed	0x000C0	FFFF	FFFF	FFFF	FFFF	FFF
	0x000D0	FFFF	FFFF	FFFF	FFFF	FFF
Auto Options 6MHz	0x000E0	FFFF	FFFF	FFFF	FFFF	FFF
3MHz	0x000F0	FFFF	FFFF	FFFF	FFFF	FFF
	0x00100	FFFF	FFFF	FFFF	FFFF	FFF

EZP2019+ programmer manual open file



Click"OPEN",

Open(O)				2			201	63
Save(S)	ERASE	Write	Venity	AUTO	Bank	FII	Device	About
Quit(Q)		N		001	0203	0405	0607	080
туре		-	10000	FFFF	FFFF	FFFF	FFFF	FFF
SPI_FLASH	-	0	x0010	FFFF	FFFF	FFFF	FFFF	FFF
Manufacturer		1.1.2.3	x0020		FFFF	FFFF	FFFF	FFF
SST	*	1.1.22	x0030	0.000	FFFF	FFFF	FFFF	PPP
Name			x0040	1 1 1 1 1 1 1	FFFF	FFFF	FFFF	FFF
SST25VF512A	•		x0050		FFFF	FFFF	FFFF	FFF
		0	x0060	FFFF	FFFF	FFFF	FFFF	FFF
Test	Find	0	x0070	FFFF	FFFF	FFFF	FFFF	FFF
			×0080	PPPP	FFFF	FFFF	FFFF	

Load data to buffer from a bin file or a hex file.

EZP2019+ programmer manual save file

	CLIP 0. (CR) CLIP CLIP	
	File(F) Buffer(B) Operation(C)) Device(Y) Language(L) Help(H)
	Open(O)	🍮 🔊 🙎 🖉
	Save(S)	📂 🚉 🤌 🐳 🐻
	Quit(Q)	001 0203 0405
	type	ONOTOD FFFF FFFF FFFF
	SPI_FLASH 💽	0x0010 FFFF FFFF FFFF
	Manufacturer	0x0020 FFFF FFFF FFFF
	SST	0x0030 FFFF FFFF FFFF
	Name	0x0040 FFFF FFFF FFFF
	SST25VF512A 🔹	0x0050 FFFF FFFF FFFF
		0x0060 FFFF FFFF FFFF
•	Test Find	0x0070 FFFF FFFF FFFF
File(F) Buffer(B) O		0x0080 FFFF FFFF FFFF
	Size 64KB 👻	0x0090 FFFF FFFF FFFF
K 🔛 🦳		0x00A0 FFFF FFFF FFFF
	Pagesize 256	0x00B0 FFFF FFFF FFFF
Open Save Read	Speed 1.5MHz +	0x00C0 FFFF FFFF FFFF
Chip	Speed 1.5MHz	0x00D0 FFFF FFFF FFFF
Tupe Or	Auto Options	OVOORO PEPP PEPP PEPP

Save data to a bin file from buffer.

EZP2019+ programmer manual Edit code

```
0x00020FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF<th
```

User can change data in buffer.

EZP2019+ programmer manual erase chip

One 25 flash must be erased before writing.

No need to erase one 24 eeprom before writting.

No need to erase one 93 eeprom before writting.

EZP2019+ rogrammer manual read chip

Read data to buffer from chip.

EZP2019+ rogrammer manual write chip

Write data to chip from buffer.

EZP2019+ rogrammer manual verify chip

Compare the data in chip to the data in buffer.

It's necessary to execute the verify command after writting.

EZP2019+ rogrammer manual auto

Erase, write and verify.

EZP2019+ ogrammer manual FAQ

1. Verify error.

(1)User must select a correct chip modle before writting.

(2)User must erase chip before writting if che chip is a 25 flash.

(3)User must select a correct memory unit width if che chip is a 93 eeprom.

(4) The chip maybe bad.

2. Chip position when reading and writting.

(1) If the programmer is linked to PC, the chip must be placed in the socket as below:

3. Automatically detect chip modle unsuccessful.

See the section "detect chip" in this document.

4. The simple SMD socket.