

## Fact Sheet

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|--|--|---|
| <b>Part Number</b>                     | yaJFPb-S   | yaJFPb-L  |
| <b>Description</b>                     | Yet Another JTAG Flash Programmer, Boundary Scan Test Sub-edition, Small Business Edition  | Yet Another JTAG Flash Programmer, Boundary Scan Test Sub-edition, Large Business Edition |
| <b>Operating System Requirement</b>    | Windows XP, Windows Vista, Windows 7   |   |
| <b>Features</b>                        | <ul style="list-style-type: none"> <li>• Don't need the Flash sockets anymore;</li> <li>• No need to use debuggers or emulators;</li> <li>• Lightweight green software;</li> <li>• CPU architecture independent. Supports CPUs based on PowerPC/ARM/MIPS architectures, also supports DSP, NP, CPLD/FPGA and other SoC;</li> <li>• Support multi devices in JTAG chain;</li> <li>• Use CPU standard JTAG port, without extra design;</li> <li>• NO one-line boot code needed. Run without any configuration for clock, SDRAM, etc.;</li> <li>• Can read Flash data even CPU hangs or Flash data is corrupt;</li> <li>• 10x times faster than parallel cable when programming with WH-USB-JTAG cable; 5x times faster as WH-USB-JTAG with WH-USB-HiJTAG; <sup>1</sup></li> <li>• Support batch programming: Automatically program different file to different address.</li> <li>• Easily integrated with manufacturing automation system: Run specified operations automatically and silently without clicking any button.</li> <li>• Calculating hash value of programming file based on multiple algorithms. Avoid writing wrong file by comparing calculated value with expected value.</li> </ul> |   |
| <b>Functions</b>                       | <ul style="list-style-type: none"> <li>• Support many vendors' Flash: numonyx, Spansion, Intel, AMD, ST, SST, EON, MXIC, etc.;</li> <li>• Read, Programming Flash;</li> <li>• Block operation (erase, lock ,unlock);</li> <li>• Besides programming, the software can lighten LEDs to verify the JTAG function;</li> <li>• Read/Write other ICs: The JTAG software can read and write other ICs (e.g., CPLD, ASIC, etc.) connected to the JTAG device (usually the CPU, but other ICs are also OK), so you can debug your card without software running. It will highly enhance the debug efficiency and shorten the time to market.</li> </ul>  |   |
| <b>Licensed Items</b>                  | BSTFP;RWChip;LightenLED;EditCfgFile;<br>CableLatticePP;CableXilinxPPIII;CableAlteraBB;CableAlteraBBMV;CableAlteraBBII; <sup>2</sup><br>CableWHUSBHiJTAG;   |   |
| <b>Tech Support <sup>3</sup></b>       | One year limited support <sup>4</sup>  |   |
|  | Help to setup 2 configuration files <sup>5</sup>   | Help to setup 4 configuration files <sup>5</sup>  |
| <b>Licenses Included <sup>6</sup></b>  | One Copy   |   |
| <b>License Validation <sup>7</sup></b> | One Year   | Never Expired   |

1: Cable not included.

2: A) 64-bit parallel port is not supported on 64-bit OS. B) Additional PseudoCLI feature is available.

3: Installation date will be the beginning date.

4: Methods: Telephone, Email or IM.

5: All required info must be provided to setup configuration files. Analysis should be paid if any info is missing. The kinds and numbers of configuration files are not limited.

6: One license file should be used on one computer only. Virtual machine is not supported.

7: Installation date will be the beginning date. Program run counter is not limited. Do not change host id and roll back system time. Never run the software when expired, otherwise hardware will be locked. "Never Expired" license may have an expiration date, and we will extend the expiration date free of charge.

For more info please visit <http://www.zhefar.com>

\*Subjected to change without notice. Any question about this table, please contact us.

2020/4/16

## Revision History:

| Date       | Version | Author | Changes   |
|------------|---------|--------|---|
| 2020/4/16  |         |        | ● Add to note 2: <i>Additional PseudoCLI feature is optional.</i>   |
| 2017/9/7   |         |        | ● Add to note 7: <i>Do not change host id and roll back system time.</i>  |
| 2016/7/9   |         |        | ● Add to note 7: <i>Never run the software when expired, otherwise hardware will be locked.</i>   |
| 2016/5/26  |         |        | ● Update note 5 with: <i>All required info must be provided. Analysis should be paid if any info is missing.</i>  |
| 2016/5/25  |         |        | ● Add feature: Avoid writing wrong file by comparing calculated value with expected value.  |
| 2016/2/4   |         |        | ● Add feature: Calculating hash value of programming file based on multiple algorithms.   |
| 2014/8/4   |         |        | ● Add feature: Easily integrated with manufacturing automation system: Run specified operations automatically and silently without clicking any button. |
| 2013/12/1  |         |        | ● Add note 'Cable not included';<br>● Original notes are re-numbered;   |
| 2013/10/12 |         |        | ● Add 'Support batch programming' to Features;  |
| 2013/8/16  |         |        | ● Clarify tech support date begins with installation date;  |
| 2013/7/26  |         |        | ● First Release   |