



# Encapsulated Events

| Description<br>[ Operating System Version   Version Number ]  | ISO<br>[ File name   SHA-256 "Suffix: 64-bit string" ]   | Image<br>health State | Architecture | Event                                   | Includes<br>[ Category   Name   Version ]  | Alipan | 123pan | PGP<br>Signature |
|---|--|-----------------------|--------------|---|--|--------|--------|------------------|
| Attained full language version, All known languages are included  |  |                       |              |   |  |        |        |                  |
| Microsoft Windows 11 26H1 28000.1575  | 28000.1575_mul_Windows_11_26H1_x64_38I1_2in1_s60eq1c1_feb_2026_8C433E233F59EF<br>841C8E5E0D454AAE89AC2ED3AD45695F5AB79AE9236608BDEA.iso    | ●                     | x64          | Event: 26S1<br>Yi's Solutions: v2.8.0.0 | Deployment engine: Multilingual   v2.2.3.0 | ✓      | ✓      | ✓                |
| Microsoft Windows 11 25H2 26200.7840  | 26100.1742_mul_Windows_11_25H2_arm64_38I1_1in1_h13bc130_feb_2026_B1BCFFDB948<br>E89CD0B77120CA61BD064013C6F416F999DFDB10C88D15A1A5BEC.iso  | ●                     | arm64        | Event: 26S1<br>Yi's Solutions: v2.8.0.0 | Deployment engine: Multilingual   v2.2.3.0 | ✓      | ✓      | ✓                |
|   | 26200.7840_mul_Windows_11_25H2_x64_38I1_2in1_qyah694_feb_2026_083EE209C10420<br>BE96A2C6969FDD6A504E514564DE4AF90F8D0DAAB378A76898.iso     | ●                     | x64          | Event: 26S1<br>Yi's Solutions: v2.8.0.0 | Deployment engine: Multilingual   v2.2.3.0 | ✓      | ✓      | ✓                |
| Microsoft Windows 10 22H2 19045.6456  | 19045.6456_mul_Windows_10_22h2_x64_38I1_2in1_5oxpoo1v_jan_2026_FA31C1F9BBF66<br>BC3735D30F4ECFA0A1D1D066F751401A7ECA6DA225D0C77377.iso     | ●                     | x64          | Event: 26S1<br>Yi's Solutions: v1.1.2.0 | Deployment engine: Multilingual   v1.1.5.0 | ✓      | ✓      | ✓                |
| Attained 5 languages, multilingual: United States - English   대한민국 - 한국어   日本 - 日本語   中国 - 繁体中文   中国 - 简体中文 |  |                       |              |   |  |        |        |                  |
| Microsoft Windows 11 26H1 28000.1575  | 28000.1575_mul_Windows_11_26H1_x64_5I1_16in1_mh6h7m1r_feb_2026_75D32702B8B76<br>281667763384112974BE28A3B6C86B1178EF697D144BCF57292.iso    | ●                     | x64          | Event: 26S1<br>Yi's Solutions: v2.8.0.0 | Deployment engine: Multilingual   v2.2.3.0 | ✓      | ✓      | ✓                |
| Microsoft Windows 11 25H2 26200.7840  | 26200.7840_mul_Windows_11_25H2_arm64_5I1_13in1_2x5icay0_feb_2026_F3A9648B0D815<br>0E6C6635EBD314A5F47CF712A9C9E31CAAF838B977E2D8C73362.iso | ●                     | arm64        | Event: 26S1<br>Yi's Solutions: v2.8.0.0 | Deployment engine: Multilingual   v2.2.3.0 | ✓      | ✓      | ✓                |
|   | 26200.7840_mul_Windows_11_25H2_x64_5I1_20in1_6zxqe046_feb_2026_FD03C6A941AE20<br>5910130D5B4355DCCC8AC5D37100182A570BA2931492198655.iso    | ●                     | x64          | Event: 26S1<br>Yi's Solutions: v2.8.0.0 | Deployment engine: Multilingual   v2.2.3.0 | ✓      | ✓      | ✓                |
| Microsoft Windows 10 22H2 19045.6456  | 19045.6456_mul_Windows_10_22h2_x64_5I1_20in1_1bglaq1u_jan_2026_0D732D73879CA0<br>9294E89CA3822EBADD576F115E9D9005789683B61C04E230F6.iso    | ●                     | x64          | Event: 26S1<br>Yi's Solutions: v1.1.2.0 | Deployment engine: Multilingual   v1.1.5.0 | ✓      | ✓      | ✓                |
| Attained 3 languages, multilingual: United States - English   中国 - 繁体中文   中国 - 简体中文                         |  |                       |              |   |  |        |        |                  |
| Microsoft Windows 11 26H1 28000.1575  | 28000.1575_mul_Windows_11_26H1_x64_3I1_16in1_x86qep9s_feb_2026_9A5B33A7C1A6F8<br>1E2766AD249FB42ECAF9BA06C56813E64761F79CA81A48A32C.iso    | ●                     | x64          | Event: 26S1<br>Yi's Solutions: v2.8.0.0 | Deployment engine: Multilingual   v2.2.3.0 | ✓      | ✓      | ✓                |
| Microsoft Windows 11 25H2 26200.7840  | 26200.7840_mul_Windows_11_25H2_arm64_3I1_12in1_0blyigwq_feb_2026_A1366E65677A7<br>40B5CA6C8E68ED5875CCC9577F67B00691A500C9985A81EAD.iso    | ●                     | arm64        | Event: 26S1<br>Yi's Solutions: v2.8.0.0 | Deployment engine: Multilingual   v2.2.3.0 | ✓      | ✓      | ✓                |
|   | 26200.7840_mul_Windows_11_25H2_x64_3I1_20in1_p6hfe1po_feb_2026_394E1D8D51B600<br>D342CA6E9E9262D61963412F15336DC9E98032151F410B90E0.iso    | ●                     | x64          | Event: 26S1<br>Yi's Solutions: v2.8.0.0 | Deployment engine: Multilingual   v2.2.3.0 | ✓      | ✓      | ✓                |
| Microsoft Windows 10 22H2 19045.6456  | 19045.6456_mul_Windows_10_22h2_x64_3I1_20in1_hmu9j031_jan_2026_56024F6EBC7458<br>7A475AEE02EB864B6E0C507B65F7F99AEF36D6E64A5A8B91D0.iso    | ●                     | x64          | Event: 26S1<br>Yi's Solutions: v1.1.2.0 | Deployment engine: Multilingual   v1.1.5.0 | ✓      | ✓      | ✓                |
| Attained 2 languages,   |  |                       |              |   |  |        |        |                  |
| Branch A, Multilingual: United States - English   中国 - 繁体中文   |  |                       |              |   |  |        |        |                  |
| Microsoft Windows 11 26H1 28000.1575  | 28000.1575_mul_Windows_11_26H1_arm64_2I1_10in1_xlpfxme1_feb_2026_030CD2003E1B<br>7B711D5F8448059B1F1791B4CE8E820CA785F469BF73F1CD607A.iso  | ●                     | arm64        | Event: 26S1<br>Yi's Solutions: v2.8.0.0 | Deployment engine: Multilingual   v2.2.3.0 | ✓      | ✓      | ✓                |
|   | 28000.1575_mul_Windows_11_26H1_x64_2I1_16in1_ibad2xze_feb_2026_B9226D2A706E8A8<br>56616421B74682DE7AA5A204608401B977A056CDF2B301578.iso    | ●                     | x64          | Event: 26S1<br>Yi's Solutions: v2.8.0.0 | Deployment engine: Multilingual   v2.2.3.0 | ✓      | ✓      | ✓                |
| Microsoft Windows 11 25H2 26200.7840  | 26200.7840_mul_Windows_11_25H2_arm64_2I1_13in1_ix7n0l6y_feb_2026_FEFDE86FDCF4A<br>CE39451CCB458CB9DDA760DD235F2FF69F855589A036B1DF70E.iso  | ●                     | arm64        | Event: 26S1<br>Yi's Solutions: v2.8.0.0 | Deployment engine: Multilingual   v2.2.3.0 | ✓      | ✓      | ✓                |
|   | 26200.7840_mul_Windows_11_25H2_x64_2I1_20in1_qnw8hs9x_feb_2026_9F2B9B659B0ABF<br>3B4A33ECB1D74C2AF4A9E21AFCE7EA1CD0B391D9B5B28C3AC4.iso    | ●                     | x64          | Event: 26S1<br>Yi's Solutions: v2.8.0.0 | Deployment engine: Multilingual   v2.2.3.0 | ✓      | ✓      | ✓                |
| Microsoft Windows 10 22H2 19045.6456  | 19045.6456_mul_Windows_10_22h2_x64_2I1_20in1_lhbih52r_jan_2026_3038F16B6C5E93F6<br>2A0A9DF2BA709A54305EDDCB1DD7D8B08E255F2031431D.iso      | ●                     | x64          | Event: 26S1<br>Yi's Solutions: v1.1.2.0 | Deployment engine: Multilingual   v1.1.5.0 | ✓      | ✓      | ✓                |
| Branch B, Multilingual: United States - English   中国 - 简体中文   |  |                       |              |   |  |        |        |                  |
| Microsoft Windows 11 26H1 28000.1575  | 28000.1575_mul_Windows_11_26H1_arm64_2I1_10in1_tzfq5muh_feb_2026_A5CF53EAA475<br>301AC1B773A2FCE253E3782E3C765A359B632E44A386B4E62.iso     | ●                     | arm64        | Event: 26S1<br>Yi's Solutions: v2.8.0.0 | Deployment engine: Multilingual   v2.2.3.0 | ✓      | ✓      | ✓                |
|   | 28000.1575_mul_Windows_11_26H1_x64_2I1_16in1_1dima21h_feb_2026_D53BC517D52DD<br>D866EFBEAD01353957FC829CCC4D6817EB79BF6BCF4B984A0581.iso   | ●                     | x64          | Event: 26S1<br>Yi's Solutions: v2.8.0.0 | Deployment engine: Multilingual   v2.2.3.0 | ✓      | ✓      | ✓                |
| Microsoft Windows 11 25H2 26200.7840  | 26200.7840_mul_Windows_11_25H2_arm64_2I1_13in1_qnrp73at_feb_2026_334F70D845A8<br>A8A213D386A1A9BF5DB89981CB78522576E93E1F9FECB4B864FE.iso  | ●                     | arm64        | Event: 26S1<br>Yi's Solutions: v2.8.0.0 | Deployment engine: Multilingual   v2.2.3.0 | ✓      | ✓      | ✓                |
|   | 26200.7840_mul_Windows_11_25H2_x64_2I1_20in1_h5nt3fw9_feb_2026_BC0894E8AFB8C1<br>982FFDB6BB2FEE5CE13E8DBE50F3106CC62033079E476D4A9C.iso    | ●                     | x64          | Event: 26S1<br>Yi's Solutions: v2.8.0.0 | Deployment engine: Multilingual   v2.2.3.0 | ✓      | ✓      | ✓                |
| Microsoft Windows 10 22H2 19045.6456  | 19045.6456_mul_Windows_10_22h2_x64_2I1_20in1_mrth9mpi_jan_2026_EE1D259A33AB7B<br>EB63B5CA3E9643D5BDD17D2AF52EBE7BEC376E4EDAEFEEC9C6.iso    | ●                     | x64          | Event: 26S1<br>Yi's Solutions: v1.1.2.0 | Deployment engine: Multilingual   v1.1.5.0 | ✓      | ✓      | ✓                |

| Cloud storage provider | Share connection  | Extraction code | Remark   |
|------------------------|---|-----------------|--|
| Alipan                 | <a href="https://www.aliyundrive.com/s/YijzdWfm18n">https://www.aliyundrive.com/s/YijzdWfm18n</a> |                 | Sharing restrictions, delete the suffix .pdf after downloading |
| 123pan                 | <a href="https://www.123pan.com/s/zita-9U9l">https://www.123pan.com/s/zita-9U9l</a>               |                 |  |

## Custom Office Deployment

After downloading the template file Deploy.Rule.iso, extract it to any drive (for example, to D:\Yi), select the desired version, and then run the download script:

1. Office 365 | & "D:\Yi\Office\365\amd64\Download.Office.amd64.ps1" | & "D:\Yi\Office\365\x86\Download.Office.x86.ps1"
2. Office 2024 | & "D:\Yi\Office\2024\amd64\Download.Office.amd64.ps1" | & "D:\Yi\Office\2024\x86\Download.Office.x86.ps1"
3. Office 2021 | & "D:\Yi\Office\2021\amd64\Download.Office.amd64.ps1" | & "D:\Yi\Office\2021\x86\Download.Office.x86.ps1"

Before installation, please download the Office installation package. After the download is complete, search in this order: 365, 2024, 2021; if a usable installation package is found, the initial deployment will search for the **Yi.ps1** file and execute the Office installation process.

Manual execution: Running D:\Yi\Office\{ 365 | 2024 | 2021 \{ amd64 | x86 \}Office\Install.Office.ps1 will start the installation process.

Sustainability:

Custom deployment: By using a portable USB drive, you can save the Yi directory to a partition on the USB drive. Keep the USB drive connected throughout the system installation process, and the custom deployment strategy will run automatically.

ISO file naming rules: 26200.7840\_mul\_Windows\_11\_25H2\_x64\_5i1\_20in1\_6zxqe046\_feb\_2026\_FD03C6A941AE205910130D5B4355DCCC8AC5D37100182A570BA2931492198655.iso

|                       |  |
|-----------------------|--|
| 26200.784             | Windows operating system version, this version is the primary one.   |
| mul                   | mul = multilingual, en-US, zh-CN or other known domain markers refer to monolingual  |
| Yi                    | Author   |
| Windows               | 11 = Windows 11, 10 = Windows 10   |
| 25H2                  | 26H1, 25H2, 22H2   |
| x64                   | arm64, x64, x86 = architecture   |
| 5i1                   | Integrated with 5 known languages, combined 1  |
| 20in1                 | There are 20 known image versions, combined 1  |
| 6zxqe046              | Randomly generated 8-character string  |
| feb                   | 2  |
| 2026                  | Release date 2026  |
| 64-bit SHA-256 string | Please verify the download after downloading   |
| .ISO .Sig             | .ISO = ISO file; .sig = PGP signature file, which can verify whether it was released by Yi. Learn more at: <a href="https://fengyi.tel/pgp">https://fengyi.tel/pgp</a> |

## Verify Download

If you would like to verify the data integrity and authenticity of your download, you can follow these steps:

### A. Verify the hash value

1. Download the ISO file and learn how to deploy the operating system ( [https://github.com/lilkeyi/Solutions/tree/main/\\_Learn/Deploy](https://github.com/lilkeyi/Solutions/tree/main/_Learn/Deploy) )
2. Launch Windows PowerShell. If you need help finding the location of PowerShell for your operating system, you can get help here.
3. In PowerShell, compute the hash value for the ISO file you downloaded by using Get-FileHash. For example: `Get-FileHash "D:\OS.iso" -Algorithm SHA256`
4. If the SHA256 output matches the value listed in the last 64 bits of the filename of the product you downloaded, it confirms that the file has not been corrupted, tampered with, or altered.

For more information on the Get-FileHash command, see [Get-FileHash \(Microsoft.PowerShell.Utility\)](#).

### B. If an .sig file is provided, you can verify if it was published by Yi. Learn more here: <https://fengyi.tel/pgp>

## Illustrate

Learn: Microsoft Windows "Attain" series ( <https://fengyi.tel/os> )

### 26H1 Notification

Version 26H1 is only available for select devices powered by Qualcomm Snapdragon processors. While an x64 ISO image is available, we do not recommend installing it due to potential software compatibility issues, limited functionality, and inability to upgrade to version 26H2. For x64-based PCs, we recommend installing version 25H2.

For more information, please refer to Microsoft's official announcement regarding this release.

Package event code: 26S1 ( 26 = 2026, S = quarter, 1 = Q1 ), this system is packaged by Yi's Solutions autopilot ( Usage plan: Additional edition ), go to learn or customize the package: <https://fengyi.tel/solutions>, <https://github.com/lilkeyi/solutions>

Health refers to whether all integrated image versions have passed the health check. A status of "Passed" indicates that the system version is not corrupted; "Failed" indicates that there is damage to the image content or problems occurred during the packaging process.

Windows 10 support will end on October 14, 2025. The monthly security update in October 2025 will be the last update for the last supported version: [Microsoft Windows 10 22H2 19045.6456](https://learn.microsoft.com/en-us/windows/release-health/release-information), Package event 26S1 is the final released version and will not receive further updates. Windows 10 release information: <https://learn.microsoft.com/en-us/windows/release-health/release-information>

## Image content

| Description<br>[ Operating System Version   Version Number ]  | Architecture | Windows version / Includes | Home | Home N | Home Single Language | Education | Education N | Pro | Pro N | Pro Education | Pro Education N | Pro for Workstations | Pro N for Workstations | Enterprise | Enterprise multi-session | Enterprise N | IoT Enterprise | IoT Enterprise Subscription | Enterprise LTSC | Enterprise N LTSC | IoT Enterprise LTSC | IoT Enterprise Subscription LTSC |
|---|--------------|----------------------------|------|--------|----------------------|-----------|-------------|-----|-------|---------------|-----------------|----------------------|------------------------|------------|--------------------------|--------------|----------------|-----------------------------|-----------------|-------------------|---------------------|----------------------------------|
| Attained full language version, All known languages are included  |              |                            |      |        |                      |           |             |     |       |               |                 |                      |                        |            |                          |              |                |                             |                 |                   |                     |                                  |
| Microsoft Windows 11 26H1 28000.1575  | x64          | 2 item                     |      |        |                      |           |             |     |       |               |                 |                      |                        |            |                          |              |                |                             |                 |                   |                     |                                  |
| Microsoft Windows 11 25H2 26200.7840  | Arm64        | 1 item                     |      |        |                      |           |             |     |       |               |                 |                      |                        |            |                          |              |                |                             |                 |                   |                     |                                  |
|   | x64          | 2 item                     |      |        |                      |           |             |     |       |               |                 |                      |                        |            |                          |              |                |                             |                 |                   |                     |                                  |
| Microsoft Windows 10 22H2 19045.6456  | x64          | 2 item                     |      |        |                      |           |             |     |       |               |                 |                      |                        |            |                          |              |                |                             |                 |                   |                     |                                  |
| Attained 5 languages, multilingual: United States - English   대한민국 - 한국어   日本 - 日本語   中国 - 繁体中文   中国 - 简体中文 |              |                            |      |        |                      |           |             |     |       |               |                 |                      |                        |            |                          |              |                |                             |                 |                   |                     |                                  |
| Microsoft Windows 11 26H1 28000.1575  | x64          | 10 item                    | ✓    |        | ✓                    | ✓         |             | ✓   |       | ✓             |                 | ✓                    |                        | ✓          | ✓                        | ✓            | ✓              | ✓                           | ✓               | ✓                 | ✓                   |                                  |
| Microsoft Windows 11 25H2 26200.7840  | Arm64        | 13 item                    | ✓    |        | ✓                    | ✓         |             | ✓   |       | ✓             |                 | ✓                    |                        | ✓          | ✓                        | ✓            | ✓              | ✓                           | ✓               | ✓                 | ✓                   |                                  |
|   | x64          | 20 item                    | ✓    | ✓      | ✓                    | ✓         | ✓           | ✓   | ✓     | ✓             | ✓               | ✓                    | ✓                      | ✓          | ✓                        | ✓            | ✓              | ✓                           | ✓               | ✓                 | ✓                   |                                  |
| Microsoft Windows 10 22H2 19045.6456  | x64          | 20 item                    | ✓    | ✓      | ✓                    | ✓         | ✓           | ✓   | ✓     | ✓             | ✓               | ✓                    | ✓                      | ✓          | ✓                        | ✓            | ✓              | ✓                           | ✓               | ✓                 | ✓                   |                                  |
| Attained 3 languages, multilingual: United States - English   中国 - 繁体中文   中国 - 简体中文                         |              |                            |      |        |                      |           |             |     |       |               |                 |                      |                        |            |                          |              |                |                             |                 |                   |                     |                                  |
| Microsoft Windows 11 26H1 28000.1575  | x64          | 10 item                    | ✓    |        | ✓                    | ✓         |             | ✓   |       | ✓             |                 | ✓                    |                        | ✓          | ✓                        | ✓            | ✓              | ✓                           | ✓               | ✓                 | ✓                   |                                  |
| Microsoft Windows 11 25H2 26200.7840  | Arm64        | 13 item                    | ✓    |        | ✓                    | ✓         |             | ✓   |       | ✓             |                 | ✓                    |                        | ✓          | ✓                        | ✓            | ✓              | ✓                           | ✓               | ✓                 | ✓                   |                                  |
|   | x64          | 20 item                    | ✓    | ✓      | ✓                    | ✓         | ✓           | ✓   | ✓     | ✓             | ✓               | ✓                    | ✓                      | ✓          | ✓                        | ✓            | ✓              | ✓                           | ✓               | ✓                 | ✓                   |                                  |
| Microsoft Windows 10 22H2 19045.6456  | x64          | 20 item                    | ✓    | ✓      | ✓                    | ✓         | ✓           | ✓   | ✓     | ✓             | ✓               | ✓                    | ✓                      | ✓          | ✓                        | ✓            | ✓              | ✓                           | ✓               | ✓                 | ✓                   |                                  |
| Attained 2 languages,   |              |                            |      |        |                      |           |             |     |       |               |                 |                      |                        |            |                          |              |                |                             |                 |                   |                     |                                  |
| Branch A, Multilingual: United States - English   中国 - 繁体中文   |              |                            |      |        |                      |           |             |     |       |               |                 |                      |                        |            |                          |              |                |                             |                 |                   |                     |                                  |
| Microsoft Windows 11 26H1 28000.1575  | Arm64        | 10 item                    | ✓    |        | ✓                    | ✓         |             | ✓   |       | ✓             |                 | ✓                    |                        | ✓          | ✓                        | ✓            | ✓              | ✓                           | ✓               | ✓                 | ✓                   |                                  |
|   | x64          | 16 item                    | ✓    | ✓      | ✓                    | ✓         | ✓           | ✓   | ✓     | ✓             | ✓               | ✓                    | ✓                      | ✓          | ✓                        | ✓            | ✓              | ✓                           | ✓               | ✓                 | ✓                   |                                  |
| Microsoft Windows 11 25H2 26200.7840  | Arm64        | 13 item                    | ✓    |        | ✓                    | ✓         |             | ✓   |       | ✓             |                 | ✓                    |                        | ✓          | ✓                        | ✓            | ✓              | ✓                           | ✓               | ✓                 | ✓                   |                                  |
|   | x64          | 20 item                    | ✓    | ✓      | ✓                    | ✓         | ✓           | ✓   | ✓     | ✓             | ✓               | ✓                    | ✓                      | ✓          | ✓                        | ✓            | ✓              | ✓                           | ✓               | ✓                 | ✓                   |                                  |
| Microsoft Windows 10 22H2 19045.6456  | x64          | 20 item                    | ✓    | ✓      | ✓                    | ✓         | ✓           | ✓   | ✓     | ✓             | ✓               | ✓                    | ✓                      | ✓          | ✓                        | ✓            | ✓              | ✓                           | ✓               | ✓                 | ✓                   |                                  |
| Branch B, Multilingual: United States - English   中国 - 简体中文   |              |                            |      |        |                      |           |             |     |       |               |                 |                      |                        |            |                          |              |                |                             |                 |                   |                     |                                  |
| Microsoft Windows 11 26H1 28000.1575  | Arm64        | 10 item                    | ✓    |        | ✓                    | ✓         |             | ✓   |       | ✓             |                 | ✓                    |                        | ✓          | ✓                        | ✓            | ✓              | ✓                           | ✓               | ✓                 | ✓                   |                                  |
|   | x64          | 16 item                    | ✓    | ✓      | ✓                    | ✓         | ✓           | ✓   | ✓     | ✓             | ✓               | ✓                    | ✓                      | ✓          | ✓                        | ✓            | ✓              | ✓                           | ✓               | ✓                 | ✓                   |                                  |
| Microsoft Windows 11 25H2 26200.7840  | Arm64        | 13 item                    | ✓    |        | ✓                    | ✓         |             | ✓   |       | ✓             |                 | ✓                    |                        | ✓          | ✓                        | ✓            | ✓              | ✓                           | ✓               | ✓                 | ✓                   |                                  |
|   | x64          | 20 item                    | ✓    | ✓      | ✓                    | ✓         | ✓           | ✓   | ✓     | ✓             | ✓               | ✓                    | ✓                      | ✓          | ✓                        | ✓            | ✓              | ✓                           | ✓               | ✓                 | ✓                   |                                  |
| Microsoft Windows 10 22H2 19045.6456  | x64          | 20 item                    | ✓    | ✓      | ✓                    | ✓         | ✓           | ✓   | ✓     | ✓             | ✓               | ✓                    | ✓                      | ✓          | ✓                        | ✓            | ✓              | ✓                           | ✓               | ✓                 | ✓                   |                                  |

## 封装事件

| 描述<br>[操作系统版本   版本号]   | ISO<br>[文件名   SHA-256 "后缀 64 位字串"]  | 映像<br>健康状态 | 架构    | 事件                                   | 包含<br>[类别   名称   版本]          | 阿里<br>云盘 | 123<br>云盘 | PGP<br>签名 |
|--|---|------------|-------|--------------------------------------|-------------------------------|----------|-----------|-----------|
| <b>臻全语版, 包含所有已知语言</b>  |   |            |       |                                      |                               |          |           |           |
| Microsoft Windows 11 26H1 28000.1575   | 28000.1575_mul_Windows_11_26H1_x64_38I1_2in1_s60eq1c1_feb_2026_8C433E233F59EF841C8E5E0D454AAE89AC2ED3AD45695F5AB79AE9236608BDEA.iso   | ●          | x64   | 事件: 26S1<br>Yi's Solutions: v2.8.0.0 | 部署引擎: Multilingual   v2.2.3.0 | ✓        | ✓         | ✓         |
| Microsoft Windows 11 25H2 26200.7840   | 26100.1742_mul_Windows_11_25H2_arm64_38I1_1in1_h13bc130_feb_2026_B1BCFFDB948E89CD0B77120CA61BD064013C6F416F999DFDB10C88D15A1A5BEC.iso | ●          | arm64 | 事件: 26S1<br>Yi's Solutions: v2.8.0.0 | 部署引擎: Multilingual   v2.2.3.0 | ✓        | ✓         | ✓         |
|  | 26200.7840_mul_Windows_11_25H2_x64_38I1_2in1_qygh694_feb_2026_083EE209C10420BE96A2C6969FDD6A504E514564DE4AF90F8D0DAAB378A76898.iso    | ●          | x64   | 事件: 26S1<br>Yi's Solutions: v2.8.0.0 | 部署引擎: Multilingual   v2.2.3.0 | ✓        | ✓         | ✓         |
| Microsoft Windows 10 22H2 19045.6456   | 19045.6456_mul_Windows_10_22h2_x64_38I1_2in1_5oxpoo1v_jan_2026_FA31C1F9BBF66BC373D30F4ECFA0A1D1D066F751401A7ECA6DA225D0C77377.iso     | ●          | x64   | 事件: 26S1<br>Yi's Solutions: v1.1.2.0 | 部署引擎: Multilingual   v1.1.5.0 | ✓        | ✓         | ✓         |
| <b>臻 5 语, 多语言: United States - English   대한민국 - 한국어   日本 - 日本語   中国 - 繁体中文   中国 - 简体中文</b> |   |            |       |                                      |                               |          |           |           |
| Microsoft Windows 11 26H1 28000.1575   | 28000.1575_mul_Windows_11_26H1_x64_5I1_16in1_mh6h7m1r_feb_2026_75D32702B8B76281667763384112974BE28A3B6C86B1178EF697D144BCF57292.iso   | ●          | x64   | 事件: 26S1<br>Yi's Solutions: v2.8.0.0 | 部署引擎: Multilingual   v2.2.3.0 | ✓        | ✓         | ✓         |
| Microsoft Windows 11 25H2 26200.7840   | 26200.7840_mul_Windows_11_25H2_arm64_5I1_13in1_2x5icay0_feb_2026_F3A9648B0D8150E6C6635EBD314A5F47CF712AC9E31CAAF838B977E2D8C73362.iso | ●          | arm64 | 事件: 26S1<br>Yi's Solutions: v2.8.0.0 | 部署引擎: Multilingual   v2.2.3.0 | ✓        | ✓         | ✓         |
|  | 26200.7840_mul_Windows_11_25H2_x64_5I1_20in1_6zxqe046_feb_2026_FD03C6A941AE205910130D5B4355DCCC8AC5D37100182A570BA2931492198655.iso   | ●          | x64   | 事件: 26S1<br>Yi's Solutions: v2.8.0.0 | 部署引擎: Multilingual   v2.2.3.0 | ✓        | ✓         | ✓         |
| Microsoft Windows 10 22H2 19045.6456   | 19045.6456_mul_Windows_10_22h2_x64_5I1_20in1_1bglaq1u_jan_2026_0D732D73879CA09294E89CA3822EBADD576F115E9D9005789683B61C04E230F6.iso   | ●          | x64   | 事件: 26S1<br>Yi's Solutions: v1.1.2.0 | 部署引擎: Multilingual   v1.1.5.0 | ✓        | ✓         | ✓         |
| <b>臻 3 语, 多语言: United States - English   中国 - 繁体中文   中国 - 简体中文</b>                         |   |            |       |                                      |                               |          |           |           |
| Microsoft Windows 11 26H1 28000.1575   | 28000.1575_mul_Windows_11_26H1_x64_3I1_16in1_x86qep9s_feb_2026_9A5B33A7C1A6F81E2766AD249FB42ECAF9BA06C56813E64761F79CA81A48A32C.iso   | ●          | x64   | 事件: 26S1<br>Yi's Solutions: v2.8.0.0 | 部署引擎: Multilingual   v2.2.3.0 | ✓        | ✓         | ✓         |
| Microsoft Windows 11 25H2 26200.7840   | 26200.7840_mul_Windows_11_25H2_arm64_3I1_12in1_0blyigwq_feb_2026_A1366E65677A740B5CA6C8E68ED5875CCC9577F67B00691A500C9985A81EAD.iso   | ●          | arm64 | 事件: 26S1<br>Yi's Solutions: v2.8.0.0 | 部署引擎: Multilingual   v2.2.3.0 | ✓        | ✓         | ✓         |
|  | 26200.7840_mul_Windows_11_25H2_x64_3I1_20in1_p6hfe1po_feb_2026_394E1D8D51B600D342CA6E9E92626D1963412F15336DC9E98032151F410B90E0.iso   | ●          | x64   | 事件: 26S1<br>Yi's Solutions: v2.8.0.0 | 部署引擎: Multilingual   v2.2.3.0 | ✓        | ✓         | ✓         |
| Microsoft Windows 10 22H2 19045.6456   | 19045.6456_mul_Windows_10_22h2_x64_3I1_20in1_hmu9j031_jan_2026_56024F6EBC74587A475AEE02EB864B6E0C507B65F7F99AEF36D6E64A5A8B91D0.iso   | ●          | x64   | 事件: 26S1<br>Yi's Solutions: v1.1.2.0 | 部署引擎: Multilingual   v1.1.5.0 | ✓        | ✓         | ✓         |
| <b>臻 2 语,</b>  |   |            |       |                                      |                               |          |           |           |
| <b>分支 A, 多语言: United States - English   中国 - 繁体中文</b>                                      |   |            |       |                                      |                               |          |           |           |
| Microsoft Windows 11 26H1 28000.1575   | 28000.1575_mul_Windows_11_26H1_arm64_2I1_10in1_xlpfme1_feb_2026_030CD2003E1B7B711D5F8448059B1F1791B4CE8E820CA785F469BF73F1CD607A.iso  | ●          | arm64 | 事件: 26S1<br>Yi's Solutions: v2.8.0.0 | 部署引擎: Multilingual   v2.2.3.0 | ✓        | ✓         | ✓         |
|  | 28000.1575_mul_Windows_11_26H1_x64_2I1_16in1_ibad2xz_e_feb_2026_B9226D2A706E8A856616421B74682DE7AA5A204608401B977A056CDF2B301578.iso  | ●          | x64   | 事件: 26S1<br>Yi's Solutions: v2.8.0.0 | 部署引擎: Multilingual   v2.2.3.0 | ✓        | ✓         | ✓         |
| Microsoft Windows 11 25H2 26200.7840   | 26200.7840_mul_Windows_11_25H2_arm64_2I1_13in1_ix7n0l6y_feb_2026_FEFDE86FDCF4ACE39451CCB458CB9DDA7600D235F2FF69F855589A036B1DF70E.iso | ●          | arm64 | 事件: 26S1<br>Yi's Solutions: v2.8.0.0 | 部署引擎: Multilingual   v2.2.3.0 | ✓        | ✓         | ✓         |
|  | 26200.7840_mul_Windows_11_25H2_x64_2I1_20in1_qnw8hs9x_feb_2026_9F2B9B659B0ABF3B4A33ECB1D74C2AF4A9E21AFCE7EA1CD0B391D9B5B28C3AC4.iso   | ●          | x64   | 事件: 26S1<br>Yi's Solutions: v2.8.0.0 | 部署引擎: Multilingual   v2.2.3.0 | ✓        | ✓         | ✓         |
| Microsoft Windows 10 22H2 19045.6456   | 19045.6456_mul_Windows_10_22h2_x64_2I1_20in1_lhbih52r_jan_2026_3038F16B6C5E93F62A0A9DF2BA709A54305EDDCB1DD7D8B08E8E255F2031431D.iso   | ●          | x64   | 事件: 26S1<br>Yi's Solutions: v1.1.2.0 | 部署引擎: Multilingual   v1.1.5.0 | ✓        | ✓         | ✓         |
| <b>分支 B, 多语言: United States - English   中国 - 简体中文</b>                                      |   |            |       |                                      |                               |          |           |           |
| Microsoft Windows 11 26H1 28000.1575   | 28000.1575_mul_Windows_11_26H1_arm64_2I1_10in1_tzfq5muh_feb_2026_A5CF53EAA475301AC1B773A2FCE253E3782E3C765A359BA632EF44A386B4E62.iso  | ●          | arm64 | 事件: 26S1<br>Yi's Solutions: v2.8.0.0 | 部署引擎: Multilingual   v2.2.3.0 | ✓        | ✓         | ✓         |
|  | 28000.1575_mul_Windows_11_26H1_x64_2I1_16in1_1dima21h_feb_2026_D53BC517D52DD866EFBEAD01353957FC829CCC4D6817EB79BF6BCF4B984A0581.iso   | ●          | x64   | 事件: 26S1<br>Yi's Solutions: v2.8.0.0 | 部署引擎: Multilingual   v2.2.3.0 | ✓        | ✓         | ✓         |
| Microsoft Windows 11 25H2 26200.7840   | 26200.7840_mul_Windows_11_25H2_arm64_2I1_13in1_qnrp73at_feb_2026_334F70D845A8A8A213D386A1A9BF5DB89981CB78522576E93E1F9FECB4B864FE.iso | ●          | arm64 | 事件: 26S1<br>Yi's Solutions: v2.8.0.0 | 部署引擎: Multilingual   v2.2.3.0 | ✓        | ✓         | ✓         |
|  | 26200.7840_mul_Windows_11_25H2_x64_2I1_20in1_h5nt3fw9_feb_2026_BC0894E8AFB8C1982FFDB6BB2FEE5CE13E8DBE50F3106CC62033079E476D4A9C.iso   | ●          | x64   | 事件: 26S1<br>Yi's Solutions: v2.8.0.0 | 部署引擎: Multilingual   v2.2.3.0 | ✓        | ✓         | ✓         |
| Microsoft Windows 10 22H2 19045.6456   | 19045.6456_mul_Windows_10_22h2_x64_2I1_20in1_mrth9mpi_jan_2026_EE1D259A33AB7BED63B5CA3E9643D5BDD17D2AF52EBE7BEC376E4EDAEFEEC9C6.iso   | ●          | x64   | 事件: 26S1<br>Yi's Solutions: v1.1.2.0 | 部署引擎: Multilingual   v1.1.5.0 | ✓        | ✓         | ✓         |

| 网盘提供方  | 分享连接  | 提取码 | 备注               |
|--------|---|-----|------------------|
| 阿里云盘   | <a href="https://www.aliyundrive.com/s/YijzdWfm18n">https://www.aliyundrive.com/s/YijzdWfm18n</a> |     | 分享限制，下载后删除后缀.pdf |
| 123 云盘 | <a href="https://www.123pan.com/s/zita-9U9l">https://www.123pan.com/s/zita-9U9l</a>               |     |                  |

## 自定义部署 Office

下载模板 Deploy.Rule.iso 后，解压到任意磁盘，示例解压到：D:\Yi，选择版本后运行下载脚本：

1. Office 365 | & "D:\Yi\Office\365\amd64\Download.Office.amd64.ps1" | & "D:\Yi\Office\365\x86\Download.Office.x86.ps1"
2. Office 2024 | & "D:\Yi\Office\2024\amd64\Download.Office.amd64.ps1" | & "D:\Yi\Office\2024\x86\Download.Office.x86.ps1"
3. Office 2021 | & "D:\Yi\Office\2021\amd64\Download.Office.amd64.ps1" | & "D:\Yi\Office\2021\x86\Download.Office.x86.ps1"

安装前请下载 Office 安装包，下载完成后：按此顺序搜索：365、2024、2021；发现了可用的安装包：首次部署会搜索 Yi.ps1 文件并执行 Office 安装进程；

手动运行：D:\Yi\Office\{ 365 | 2024 | 2021 \{ amd64 | x86 \} Office\Install.Office.ps1 可进入安装进程。

可持续性：

自定义部署：在使用移动 U 盘，可将 Yi 目录保存到 U 盘分区，在安装系统过程中，一直保持连接状态，自动运行自定义部署策略。

ISO 文件名命名规则：[26200.7840\\_mul\\_Windows\\_11\\_25H2\\_x64\\_511\\_20in1\\_6zxqe046\\_feb\\_2026\\_FD03C6A941AE205910130D5B4355DCCC8AC5D37100182A570BA2931492198655.iso](26200.7840_mul_Windows_11_25H2_x64_511_20in1_6zxqe046_feb_2026_FD03C6A941AE205910130D5B4355DCCC8AC5D37100182A570BA2931492198655.iso)

|                 |   |
|-----------------|---|
| 26200.7840      | Windows 操作系统版本，以此版本为主要  |
| mul             | mul = 多语，en-US, zh-CN 或其它已知区域标记指的是单语  |
| Yi              | 作者  |
| Windows         | 11 = Windows 11, 10 = Windows 10  |
| 26H1            | 26H1, 25H2, 22H2  |
| x64             | arm64, x64, x86 = 架构  |
| 511             | 集成了 5 个已知语言，多合 1  |
| 20in1           | 已知映像版本有 20 个，多合 1   |
| 6zxqe046        | 随机生成的 8 位字符   |
| feb             | 2 月   |
| 2026            | 发行时间 2026 年   |
| 64 位 SHA-256 字串 | 下载后请验证下载  |
| .ISO .Sig       | .ISO = ISO 文件；.sig = PGP 签名文件，可验证是否由 Yi 发布的，前往学习： <a href="https://fengyi.tel/pgp">https://fengyi.tel/pgp</a> |

## 验证下载

如果您想验证下载数据的完整性和真实性，可以按照以下步骤操作：

### A. 校验哈希值

1. 下载 ISO 文件并学习如何部署操作系统 ([https://github.com/ikeyi/Solutions/tree/main/\\_Learn/Deploy](https://github.com/ikeyi/Solutions/tree/main/_Learn/Deploy))
2. 启动 Windows PowerShell。如果您需要帮助查找适用于您操作系统的 PowerShell 位置，可以点击此处获取帮助。
3. 在 PowerShell 中，使用 Get-FileHash 计算已下载 ISO 文件的哈希值。例如：Get-FileHash "D:\OS.iso" -Algorithm SHA256
4. 如果 SHA256 输出与您下载的产品在文件名后 64 位中列出的值匹配，则确认该文件未损坏、篡改或更改。

有关 Get-FileHash 命令的更多信息，请参阅 [Get-FileHash \(Microsoft.PowerShell.Utility\)](#)。

### B. 如果提供了.sig 文件，可验证是否由 Yi 发布的，前往学习：<https://fengyi.tel/pgp>

## 说明

了解：Microsoft Windows 谷系列 (<https://fengyi.tel/os>)

### 26H1 通知

26H1 版本仅适用于部分基于高通骁龙处理器的设备。虽然提供了 x64 ISO 镜像，但我们不建议安装，因为您可能会遇到软件兼容性问题、功能受限以及无法升级到 25H2 版本等情况。对于基于 x64 的 PC，我们建议您安装 25H2 版本。

更多信息请参阅 [微软关于此版本的官方公告](#)。

封装事件代号：26S1（26 = 2026 年、S = 季度，1 = 第 1 季度），此系统由 Yi's Solutions 自动驾驶封装（使用方案：附加版），前往学习或自定义封装：<https://fengyi.tel/solutions>, <https://github.com/ikeyi/solutions>

健康，指的是所有集成的映像版本是否通过健康检查，状态：“通过”表示系统版本未损坏；“未通过”表示映像内容有损坏和封装过程中出现问题。

2025 年 10 月 14 日，Windows 10 停止支持。2025 年 10 月的月度安全更新是适用于最后受支持版本的最后一个更新：Microsoft Windows 10 22H2 19045.6456，封装事件 26S1 是发行的最终版本，未来不再更新。  
Windows 10 版本信息：<https://learn.microsoft.com/zh-cn/windows/release-health/release-information>

## 映像内容

| 描述<br>[操作系统版本   版本号]   | 架构    | Windows 版本<br>/包含 | 家庭版 | 家庭版<br>N | 家庭<br>单语言版 | 教育版 | 教育版<br>N | 专业版 | 专业版<br>N | 专业<br>教育版 | 专业<br>教育版<br>N | 专业<br>工作站版 | 专业<br>工作站版<br>N | 企业版 | 企业<br>多会话 | 企业版<br>N | IoT 企业版<br>订阅 | 企业版<br>IoT LTSC | 企业版<br>N LTSC | 企业版<br>IoT LTSC | 企业版<br>IoT N LTSC |   |
|--|-------|-------------------|-----|----------|------------|-----|----------|-----|----------|-----------|----------------|------------|-----------------|-----|-----------|----------|---------------|-----------------|---------------|-----------------|-------------------|---|
| <b>臻全语版, 包含所有已知语言</b>  |       |                   |     |          |            |     |          |     |          |           |                |            |                 |     |           |          |               |                 |               |                 |                   |   |
| Microsoft Windows 11 26H1 28000.1575   | x64   | 2 项               |     |          |            |     |          |     |          |           |                |            |                 |     |           |          |               |                 |               |                 |                   |   |
| Microsoft Windows 11 25H2 26200.7840   | Arm64 | 1 项               |     |          |            |     |          |     |          |           |                |            |                 |     |           |          |               |                 |               |                 |                   |   |
|  | x64   | 2 项               |     |          |            |     |          |     |          |           |                |            |                 |     |           |          |               |                 |               |                 |                   |   |
| Microsoft Windows 10 22H2 19045.6456   | x64   | 2 项               |     |          |            |     |          |     |          |           |                |            |                 |     |           |          |               |                 |               |                 |                   |   |
| <b>臻 5 语, 多语言: United States - English   대한민국 - 한국어   日本 - 日本語   中国 - 繁体中文   中国 - 简体中文</b> |       |                   |     |          |            |     |          |     |          |           |                |            |                 |     |           |          |               |                 |               |                 |                   |   |
| Microsoft Windows 11 26H1 28000.1575   | x64   | 10 项              | ✓   |          | ✓          | ✓   |          | ✓   |          | ✓         |                | ✓          |                 | ✓   | ✓         | ✓        | ✓             | ✓               | ✓             | ✓               | ✓                 | ✓ |
| Microsoft Windows 11 25H2 26200.7840   | Arm64 | 13 项              | ✓   |          | ✓          | ✓   |          | ✓   |          | ✓         |                | ✓          |                 | ✓   | ✓         | ✓        | ✓             | ✓               | ✓             | ✓               | ✓                 | ✓ |
|  | x64   | 20 项              | ✓   | ✓        | ✓          | ✓   | ✓        | ✓   | ✓        | ✓         | ✓              | ✓          | ✓               | ✓   | ✓         | ✓        | ✓             | ✓               | ✓             | ✓               | ✓                 | ✓ |
| Microsoft Windows 10 22H2 19045.6456   | x64   | 20 项              | ✓   | ✓        | ✓          | ✓   | ✓        | ✓   | ✓        | ✓         | ✓              | ✓          | ✓               | ✓   | ✓         | ✓        | ✓             | ✓               | ✓             | ✓               | ✓                 | ✓ |
| <b>臻 3 语, 多语言: United States - English   中国 - 繁体中文   中国 - 简体中文</b>                         |       |                   |     |          |            |     |          |     |          |           |                |            |                 |     |           |          |               |                 |               |                 |                   |   |
| Microsoft Windows 11 26H1 28000.1575   | x64   | 10 项              | ✓   |          | ✓          | ✓   |          | ✓   |          | ✓         |                | ✓          |                 | ✓   | ✓         | ✓        | ✓             | ✓               | ✓             | ✓               | ✓                 | ✓ |
| Microsoft Windows 11 25H2 26200.7840   | Arm64 | 13 项              | ✓   |          | ✓          | ✓   |          | ✓   |          | ✓         |                | ✓          |                 | ✓   | ✓         | ✓        | ✓             | ✓               | ✓             | ✓               | ✓                 | ✓ |
|  | x64   | 20 项              | ✓   | ✓        | ✓          | ✓   | ✓        | ✓   | ✓        | ✓         | ✓              | ✓          | ✓               | ✓   | ✓         | ✓        | ✓             | ✓               | ✓             | ✓               | ✓                 | ✓ |
| Microsoft Windows 10 22H2 19045.6456   | x64   | 20 项              | ✓   | ✓        | ✓          | ✓   | ✓        | ✓   | ✓        | ✓         | ✓              | ✓          | ✓               | ✓   | ✓         | ✓        | ✓             | ✓               | ✓             | ✓               | ✓                 | ✓ |
| <b>臻 2 语,</b>  |       |                   |     |          |            |     |          |     |          |           |                |            |                 |     |           |          |               |                 |               |                 |                   |   |
| <b>分支 A, 多语言: United States - English   中国 - 繁体中文</b>                                      |       |                   |     |          |            |     |          |     |          |           |                |            |                 |     |           |          |               |                 |               |                 |                   |   |
| Microsoft Windows 11 26H1 28000.1575   | Arm64 | 10 项              | ✓   |          | ✓          | ✓   |          | ✓   |          | ✓         |                | ✓          |                 | ✓   | ✓         | ✓        | ✓             | ✓               | ✓             | ✓               | ✓                 | ✓ |
|  | x64   | 16 项              | ✓   | ✓        | ✓          | ✓   | ✓        | ✓   | ✓        | ✓         | ✓              | ✓          | ✓               | ✓   | ✓         | ✓        | ✓             | ✓               | ✓             | ✓               | ✓                 | ✓ |
| Microsoft Windows 11 25H2 26200.7840   | Arm64 | 13 项              | ✓   |          | ✓          | ✓   |          | ✓   |          | ✓         |                | ✓          |                 | ✓   | ✓         | ✓        | ✓             | ✓               | ✓             | ✓               | ✓                 | ✓ |
|  | x64   | 20 项              | ✓   | ✓        | ✓          | ✓   | ✓        | ✓   | ✓        | ✓         | ✓              | ✓          | ✓               | ✓   | ✓         | ✓        | ✓             | ✓               | ✓             | ✓               | ✓                 | ✓ |
| Microsoft Windows 10 22H2 19045.6456   | x64   | 20 项              | ✓   | ✓        | ✓          | ✓   | ✓        | ✓   | ✓        | ✓         | ✓              | ✓          | ✓               | ✓   | ✓         | ✓        | ✓             | ✓               | ✓             | ✓               | ✓                 | ✓ |
| <b>分支 B, 多语言: United States - English   中国 - 简体中文</b>                                      |       |                   |     |          |            |     |          |     |          |           |                |            |                 |     |           |          |               |                 |               |                 |                   |   |
| Microsoft Windows 11 26H1 28000.1575   | Arm64 | 10 项              | ✓   |          | ✓          | ✓   |          | ✓   |          | ✓         |                | ✓          |                 | ✓   | ✓         | ✓        | ✓             | ✓               | ✓             | ✓               | ✓                 | ✓ |
|  | x64   | 16 项              | ✓   | ✓        | ✓          | ✓   | ✓        | ✓   | ✓        | ✓         | ✓              | ✓          | ✓               | ✓   | ✓         | ✓        | ✓             | ✓               | ✓             | ✓               | ✓                 | ✓ |
| Microsoft Windows 11 25H2 26200.7840   | Arm64 | 13 项              | ✓   |          | ✓          | ✓   |          | ✓   |          | ✓         |                | ✓          |                 | ✓   | ✓         | ✓        | ✓             | ✓               | ✓             | ✓               | ✓                 | ✓ |
|  | x64   | 20 项              | ✓   | ✓        | ✓          | ✓   | ✓        | ✓   | ✓        | ✓         | ✓              | ✓          | ✓               | ✓   | ✓         | ✓        | ✓             | ✓               | ✓             | ✓               | ✓                 | ✓ |
| Microsoft Windows 10 22H2 19045.6456   | x64   | 20 项              | ✓   | ✓        | ✓          | ✓   | ✓        | ✓   | ✓        | ✓         | ✓              | ✓          | ✓               | ✓   | ✓         | ✓        | ✓             | ✓               | ✓             | ✓               | ✓                 | ✓ |