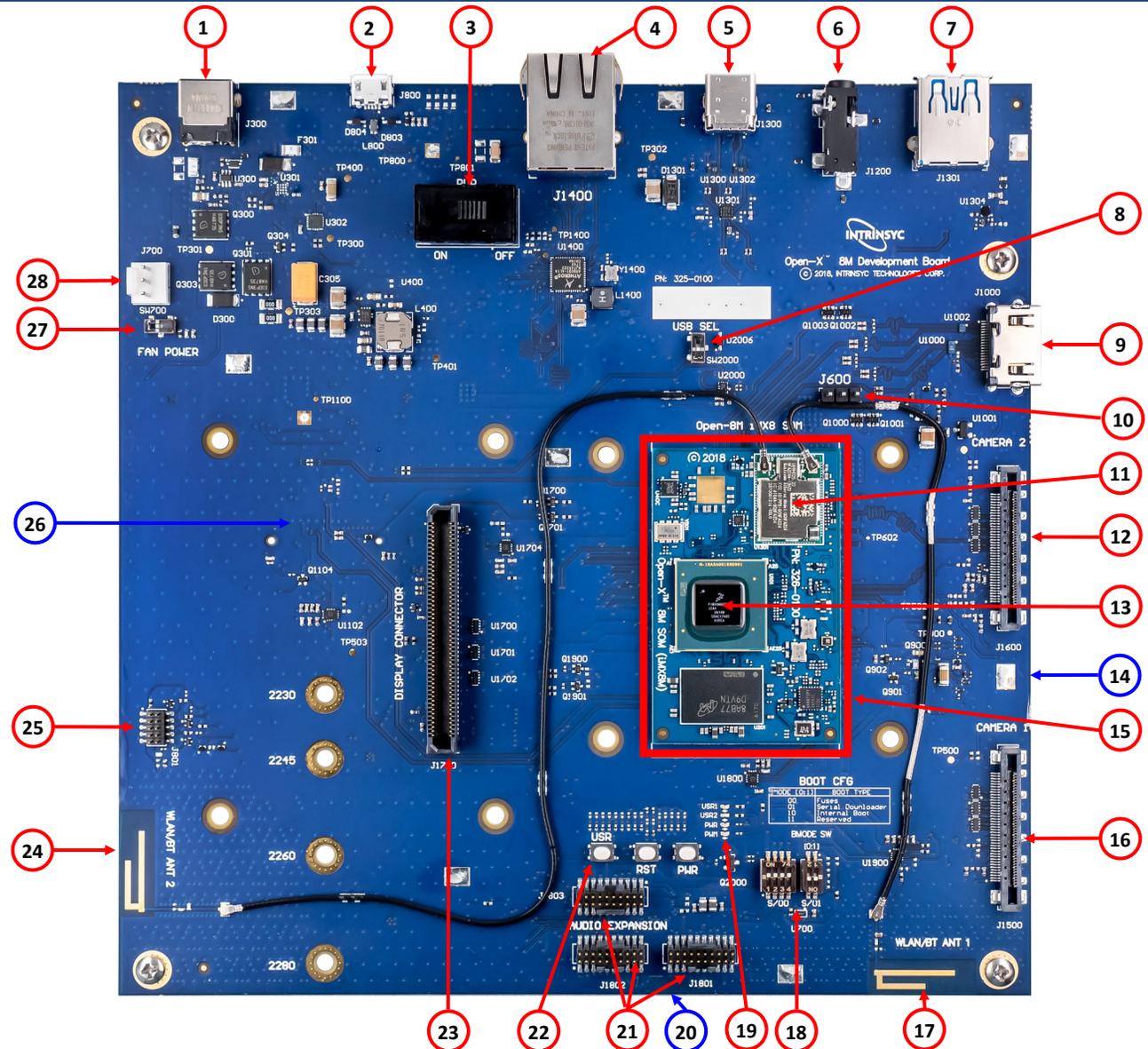


Package Contents

1. Open-X™ 8M SOM with NXP i.MX 8M processor
2. Open-X™ 8M Carrier board
3. AC Power Adapter
4. HDMI Video Cable
5. 4.5" FWVGA MIPI DSI LCD/touchscreen (optional accessory)

- | | |
|---|--|
| 1. 12V DC input jack | 23. MIPI DSI LCD/touchscreen connector to interface with Intrinsic display adapter |
| 2. Debug UART (USB MicroB) | 24. WLAN PCB Antenna 2 |
| 3. Power on-off switch | 25. JTAG header |
| 4. Gigabit Ethernet connector | 26. PCIe M.2 Socket (on bottom) |
| 5. USB Type-C connector | 27. Fan power on-off switch |
| 6. 3.5 mm audio line-out jack | 28. Fan power header |
| 7. USB Type-A host port | |
| 8. USB select switch | |
| 9. HDMI video output | |
| 10. SOM current sense connector | |
| 11. Wi-Fi/BT module | |
| 12. MIPI CSI 2 camera connector | |
| 13. NXP i.MX 8M SoC | |
| 14. Micro SD card slot (on bottom) | |
| 15. Open-X 8M System on Module | |
| 16. MIPI CSI 1 camera connector | |
| 17. WLAN PCB Antenna 1 | |
| 18. Boot configuration DIP switches | |
| 19. 4 x LEDs | |
| 20. FPC digital audio expansion connector (on bottom) | |
| 21. Digital audio expansion headers | |
| 22. Power, reset, and user buttons | |





Open-X™ 8M Development Kit Quick Start Guide



Development Kit Setup

- 1. At a static-safe workstation, remove the development kit board carefully from the anti static bag**
- 2. If you do not have the optional LCD then connect the HDMI cable from the development kit to an HDMI display.**
- 3. Connect the Power Adapter to the 12V DC jack, switch the power switch (3) to the ON position, then press and hold the power button (22) for approximately 3 seconds. On the LCD or HDMI monitor you will see the Intrinsic logo as the board boots up, followed by the OS desktop.**
- 4. Documentation and software**

To access the documentation (schematics, user guides, programming guides, tech notes...), platform BSP software and much more, please register at:

<http://support.intrinsyc.com>

Sign in Register

Intrinsic Support Server

Login: myname@mycompany.com
Email address

Password: ●●●●●●●●

Forgot password Login >

First-time user please click here to register

Development Kit Support

For more information or assistance, you can contact us at:

<https://www.intrinsyc.com/contact-support>

Intrinsic also provides technical information and videos on our products at:

<https://www.intrinsyc.com/resources/>

Should you require additional technical support for your Development Kit you can purchase a block of technical support hours from the Intrinsic store:

<https://www.intrinsyc.com/support>

Thank you for purchasing the Open-X 8M Development Kit

The Intrinsic Team