



## iX PC Plus

### User Manual and Basic Admin Guide



# Product specification sheet

CPU	Intel® Processor N100
OS	Windows 11 IoT / ThinX OS Linux -Support Windows 11 PRo
Memory	LPDDR5 8GB (onboard memory) Up to 16G
Emmc	128G Emmc
Storage	M.2 SSD Nvme
Display	Display Port x2 HDMI x 1
Wireless	Optional
IO	USB 2.0 × 4 - USB 3.0 × 2 - Type C × 2
LAN	RJ45 2.5 LAN RJ45 2.5 LAN + SFP SFP
Audio	1 x- Audio Combo
DC	12V/ 2.5 A

**Certification and Modification Restrictions:**

- The low-power RF motor is a certified product.
- Changes to its frequency, power, or original design are not allowed without permission.

**Impact on Communication and Interference:**

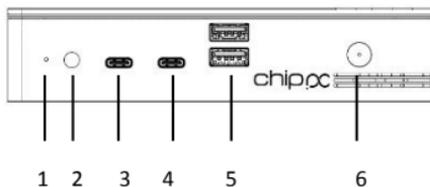
- The motor does not interfere with flight safety or legal communication.
- If interference occurs, its use must be stopped and the issue resolved.
- "Legal communication" includes wireless communication as per the law.
- The motor must endure interference from other industrial, scientific, or medical radio-wave devices.

**Handling Batteries:**

- The product contains miniature batteries used by the CMOS.
- Consumers are advised not to replace these batteries themselves, as it could be dangerous if the wrong battery model is used.
- Proper disposal of replaced batteries is required.

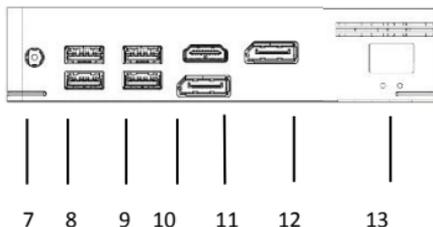
## FRONT SIDE VIEW

1	Reset port
2	Combo Audio Port
3	USB-C 10GB/S
4	USB-C 10GB/S
5	USB3.2 10GB/S x 2
6	Power button



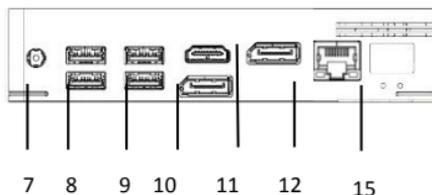
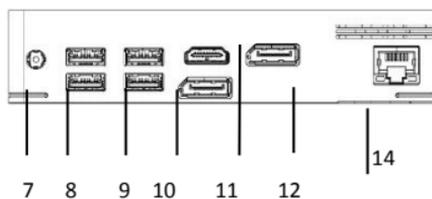
## REAR SIDE VIEW

7	Power supply DC IN 12V
8	USB 2.0 x 2
9	USB 2.0 x 2
10	Displayport
11	HDMI Port
12	Displayport



## Optionals

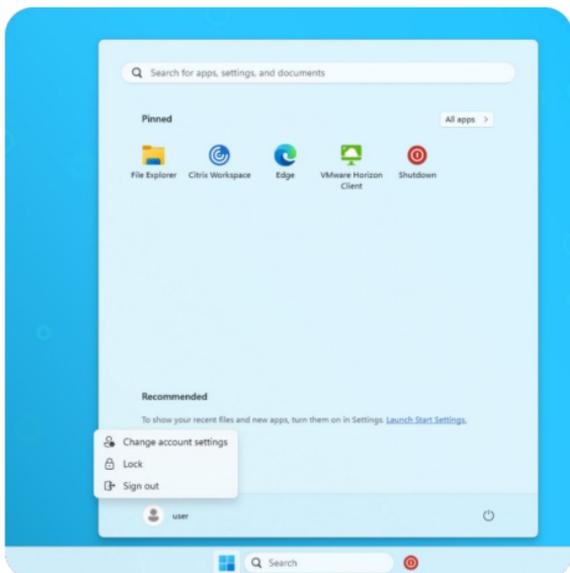
13	SFP
14	2.5G RJ45
15	SFP + 2.5G RJ45



# Basic Administrative Functions with Windows 11 IoT 2024 Enterprise LTSC

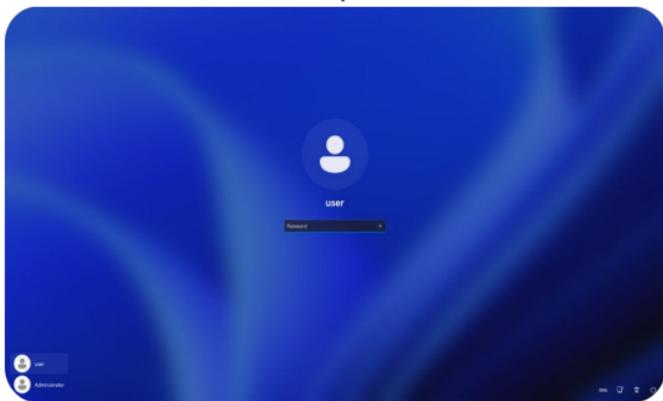
## How to Login as Administrator and Accessing the Administrator Account:

- 1 Click on Start Menu  click on User icon and select Sign Out.



- 2 As soon as you click on Sign Out, system will sign out of User login and will try again to login as Use because Automatic login is enabled. As soon as you click on Sign Out, before the system tries to re-enter automatically to the User account, press and release left SHIFT buttons continuously.
- 3 You will be presented with Chip PC Blue screen with Time, Day and Date.

- 4 Click anywhere on the screen and you will be presented with User list screen with User profile selected.



- 5 Choose the Administrator account. The Password - 'password'.
- 6 After the logon into the Administrator account, you can manage the device as any normal Windows OS.

## Managing the Write Filter Protection

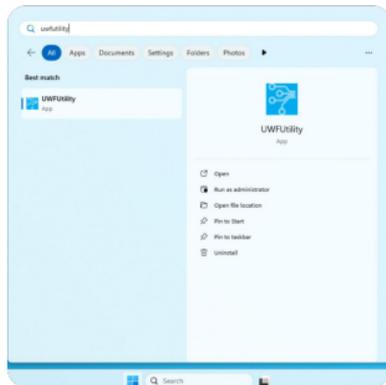
Click anywhere on The Chip PC Windows 11 Enterprise LTSC OS is enabled and Protected with Unified Write filter protection by default. Unified Write Filter will write all changes done in the OS to the RAM. After rebooting the device, it will discard the changes and get the device to its original state. Unified Write Filter protects the device from any unauthorized changes done by user.

If System Administrator would like to make any changes to the devices or install any applications, these changes need to be done after disabling the Unified Write filter protection to save the changes permanently. Disable the Write filter protection, make the changes and enable the protection again.

## Disable Write Filter / Enable Write Filter:

- 1 Sign Out from User login and login as Administrator by following **How to Login as Administrator and Accessing the Administrator Account.**

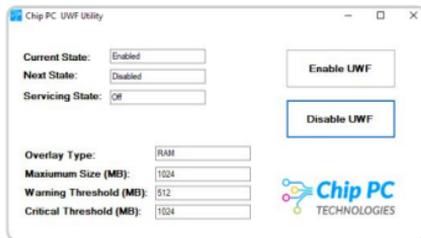
- 2 Click on Start Menu   
Windows Administrative  
Tools and click on UWF  
Manager.



- 3 Chip PC UWF Utility will open. Utility will show Current State of the Write Filter (which is Enabled)



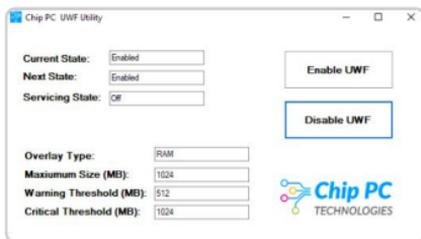
- 4 Click on Disable UWF, this will change the Next State: Disabled. This means in the next restart Unified Write Filter in this device will be disabled.



- 5 Close the Chip PC UWF Utility, Restart the device.
- 6 After reboot device will automatically login as User, Sign Out from User login and Login as Administrator again.
- 7 Click on Start Menu  Windows Administrative Tools and click on UWF Manager.

8 Chip PC UWF Utility will open. Utility will show Current State of the Write Filter as Disabled.

9 Now make the changes on the device. Once you have finished making changes, click on Enable UWF tab. This will change the Next State from Disabled to Enabled. This means in the next restart Unified Write Filter in this device will be disabled.



- 10 Close the Chip PC UWF Utility and restart the device.

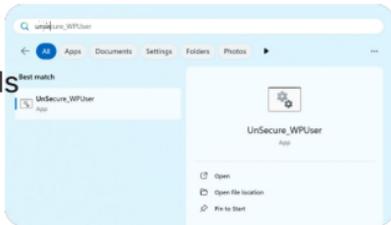
# User Profile Restrictions

The Chip PC Windows 11 Enterprise LTSC OS User profile is enabled with restrictions by default, for example No Right Click, No access to local disk drive, limited access to Control Panel Etc.,

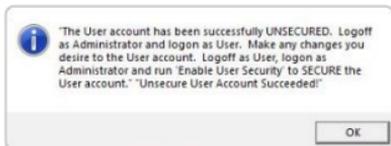
If System Administration would like to install or make changes to User profile and would like to disable User profile restrictions to make these changes, they can disable this restriction, make the changes and enable the User profile restrictions back again.

## Disable /Enable User Profile Restrictions:

- 1 Sign Out from User login and login as Administrator by following **How to Login as Administrator and Accessing the Administrator Account.**
- 2 Disable the Unified Write Filter Protection by following **Disable / Enable Write Filter.**
- 3 Click on Start Menu Windows Administrative Tools and click on UnSecure User.

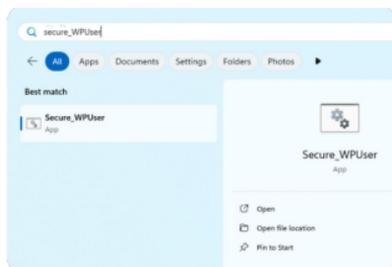


- 4 You will get a pop-up message box with a message.

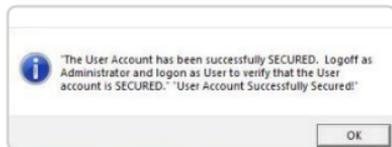


- 5 If the pop-up message box shows any error, make sure you have Sign Out of User Profile not disconnected.
- 6 Once the message shows The User account has been successfully UNSECURED, click OK on the message box.
- 7 Sign Out of Administrator and device will login as User automatically.
- 8 Make the changes, Sign Out of User login and login as Administration again after making changes.

- 9 Click on Start Menu   
Windows Administrative  
Tools and click on Secure  
User.



- 10 You will get a pop-up message box with a message The User Account has been successfully Secured.



- 11 Enable the United Write Filter Protection by following the **Disable / Enable Write Filter.**