

※Download the following file before starting:

- OS Image:

PMC-523x Series Module OS:

[WinPAC 5231 OS Image \(WP523x\\_20211129\\_ver.1.0.2.1\\_ml\\_512MB.zip\)](#)

PMC-224x Series Module OS:

[WinPAC 224x OS Image \(WP224x\\_20220803\\_ver.1.0.2.2\\_ml\\_512MB.zip\)](#)

- PMC-523x / PMC-224x firmware, from download page link:

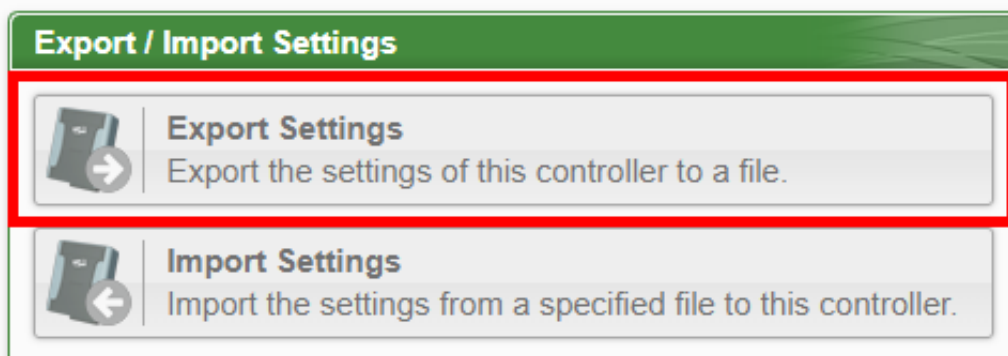
[PMC-523x\\_224x firmware](#)

**Please Note: To fix the LINE Notify Sending failed issue, you have to update the OS version to v1.0.2.1 or later, and update PMC firmware version to v3.6.2 or later.**

**PMC-523x /PMC-224x update OS and install firmware steps are as follows:**

### Step 0. Backup PMC Settings

- 1) Connect to PMC Login webpage via Web browser and login as Administrator.
- 2) Go to “System Setting” page, under “Export / Import Settings”, click the “Export Settings” button, the rule file would be stored in the default download path according to the browser's setting.

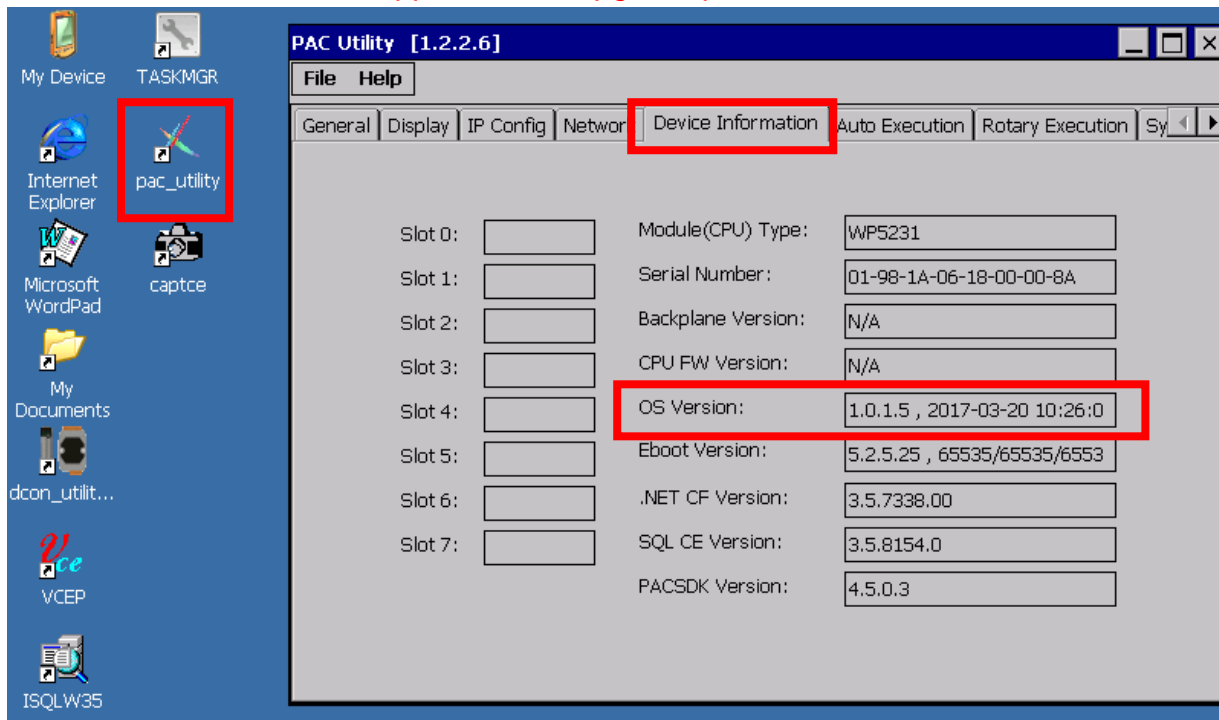


**Step 1. Connect the PMC module to a screen and a mouse.**

## Step 2. Check OS Version

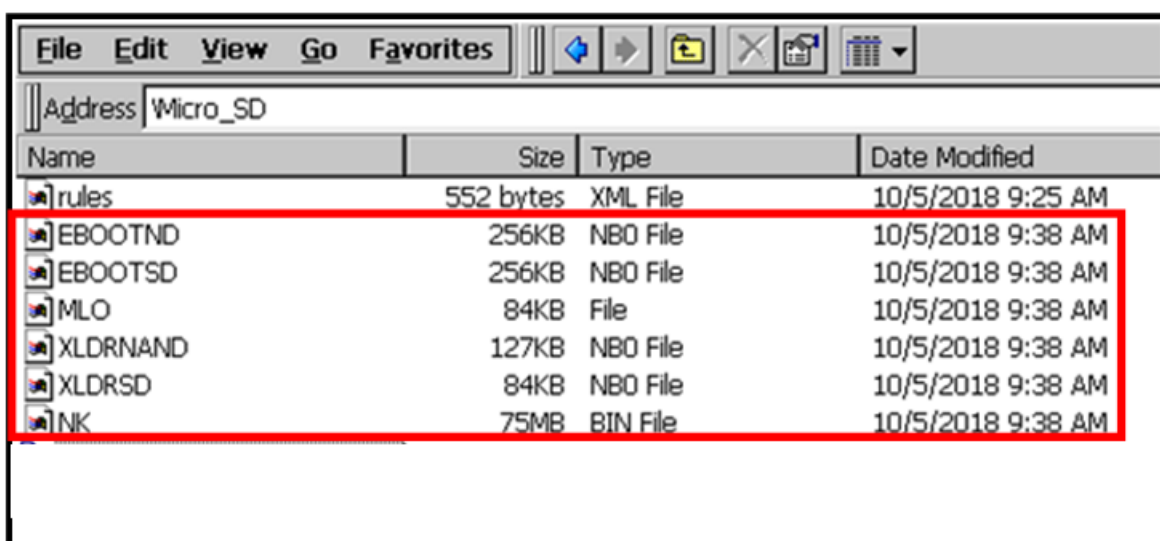
1) Launch "PAC\_Utility" program on the table of the PMC controller, click on the "Device Information" tab, and then check the "OS Version".

The OS Version must be equal to or later than v1.0.1.6 for the upgrade process.  
Otherwise, it was not support for the upgrade process.



## Step 3. Put the following files into Micro SD

- All unzipped files of WinPAC 5231 OS Image (EX: EBOOTND.nb0,...)

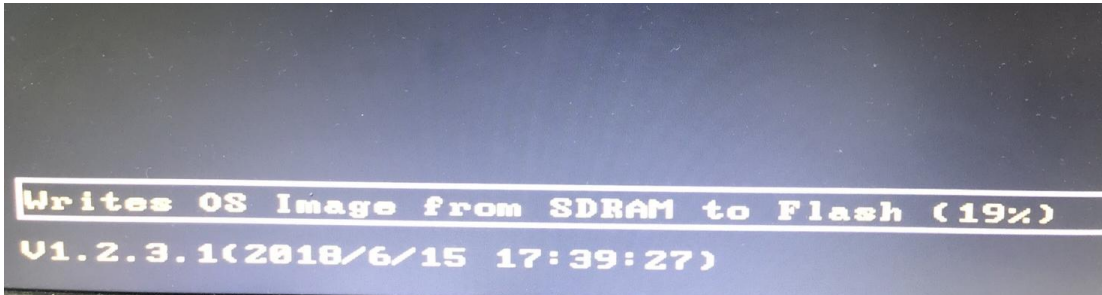


## Step 4. Install New OS

- 1) Turn the PMC rotary switch to the position of 5.



- 2) Reboot the PMC controller.



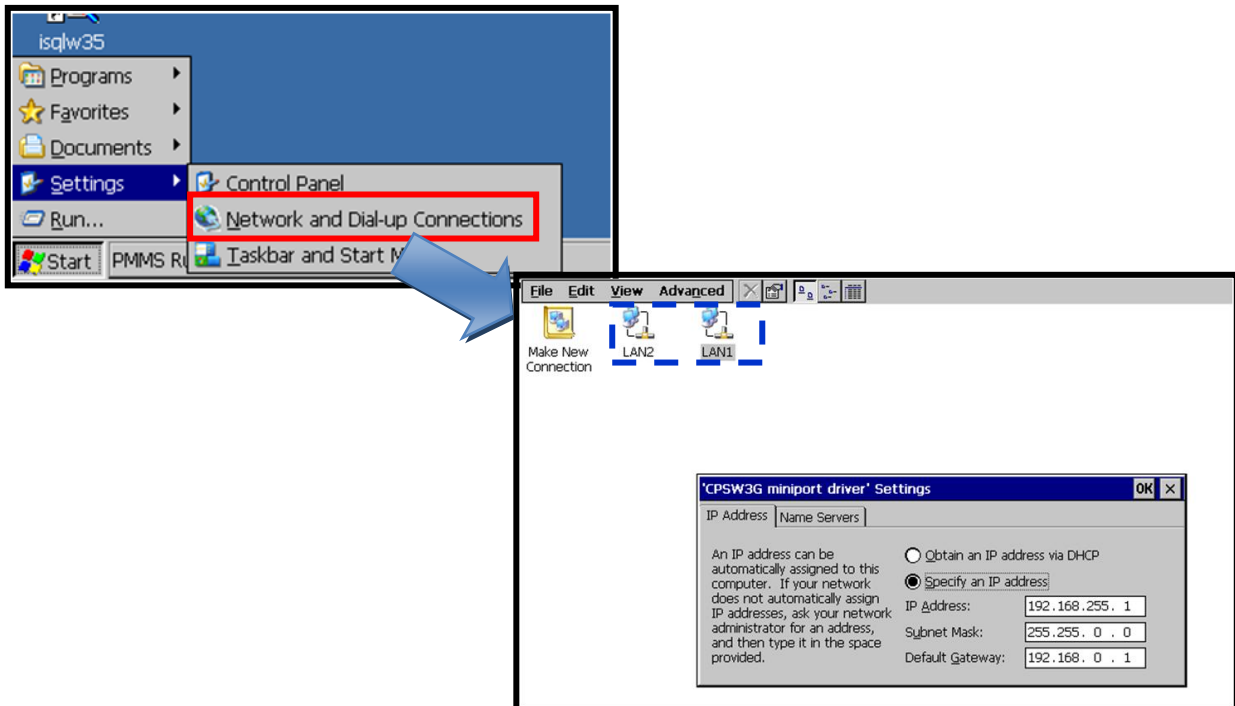
The OS Installer will be completed.

- 3) After reboot, turn the PMC rotary switch to the position of 0.



## Step 5. Network settings

If the network settings was reset, please manually set to the original settings.



## Step 6. Update PMC Firmware

1) Connect to PMC Login webpage via Web browser and login as Administrator.

The screenshot displays the 'System Setting Page' of the ICP DAS Power Monitoring & Management Solution. The page is organized into several sections:

- Time Setting**: Includes Date & Time (Date: 2022/08/04, Time: 15:19:46) and Time Synchronization (Function Status: Enable, Sync Interval: 6 hours, Time Zone: UTC+08:00, Daylight Saving Time: Disable).
- Network Setting**: Includes LAN1 (IP: 192.168.100.177, Mask: 255.255.255.0, Gateway: 192.168.100.254, DNS: 8.8.8.8, MAC: 00-0D-E0-30-7B-2E), Port (Web Server Port: 80, Modbus TCP Port: 502, Modbus NetID: 1), Dynamic DNS (Service 1: Disable, Service 2: Disable), and IoTstar (Function Status: Enable).
- SNMP Setting**: Function Status: Disable.
- I/O Interface Setting**: Includes COM2 (Function: Disable), COM3 (Function: Modbus RTU Master, Baudrate: 19200 bps, Parity: None, Stop bits: 1, Silent Interval: 100 millisecond(s)), COM4 (Function: Modbus RTU Master, Baudrate: 19200 bps, Parity: None, Stop bits: 1, Silent Interval: 100 millisecond(s)), and LAN (Function: Modbus TCP Master, Modbus TCP Slave).
- Other Setting**: Contract Capacity (Function Status: Disable).
- Firmware Update Setting**: Includes System Information (Serial Number: 01-CF-99-39-1A-00-00-39), Firmware Information (Current Version: 3.6.2.0, Available Version: Check), and a highlighted **Firmware Update** section with a 'Browse...' button and an 'Update' button.

2) Go to “System Setting” page, under “Firmware Update Setting”. Upgrade PMC firmware via the PMC webpage, browse v3.6.2 or later version firmware, and click the “Update” button.

3) After the firmware update is done, all steps are completed.