# USER MANUAL
# PP-9715W

**Version 0.1**

## Safety and Warranty

1.Read these safety instructions carefully.

2.Disconnect from power outlet before cleaning, disassembly or transport. Do not use liquid or spray detergents for cleaning. Use a damp cloth only and avoid any prolonged contact with moisture.

3.Keep the unit away from humidity.

4.Place the unit on a sturdy surface before servicing or operation to prevent accidental drops.

5.The openings on the enclosure are for ventilation. Do NOT cover the openings.

6.Make sure the voltage and load ratings of the power source are correct before connecting the equipment to the power outlet.

7.Position the power cord to prevent accidental tripping. Do not twist, pinch or clip the power cord.

8.All cautions and warnings printed on the equipment should be followed.

9.If the equipment is not used for a long time, disconnect it from the power source.

10.Never pour any liquid into openings. This could cause fire or electrical shock.

11.For safety reasons, only qualified service personnel should open and service the equipment.

12.If any of the following situations arises, get the equipment checked by service personnel:

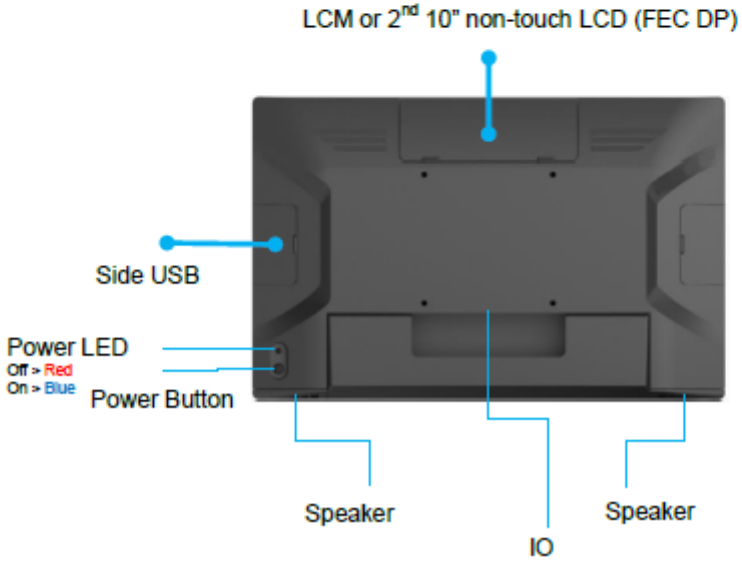
- The power cord, plug, or adapter is visibly damaged.
- Liquid has entered into the equipment.
- The equipment has been exposed to moisture.
- The equipment has been dropped and damaged.
- The equipment has obvious signs of breakage.

13.DO NOT LEAVE THIS EQUIPMENT IN AN UNCONTROLLED ENVIRONMENT WHERE

# CHAPTER 1 | INTRODUCTION

- **Platform:** INTEL Coffee Lake platform support INTEL gen 9 processor
- **Panel PC with Dual hinge stand:** Adjustable angle and height
- Improve the viewing angle, enhance the user experience, can also be Desktop, Pole orWall-mounted.
- **Shared Peripherals:** Share the same peripherals with XPOS
- **Support FEC Platform**

# Main features

# **Peripherals** - optional


XPOS Add-on device ( MSR / FP / RFID / I-Button / 2 in 1)

# **Wall Mount Bracket –** optional


Thickness of wall mount bracket (no space for power adapter)= 21mm

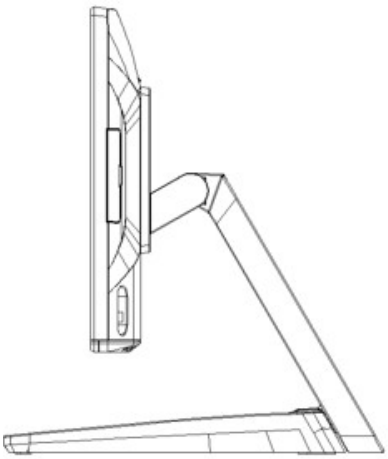
Thickness of Wall Mount bracket (space for power adapter)= 57mm

# **Stand –** Hinge Type

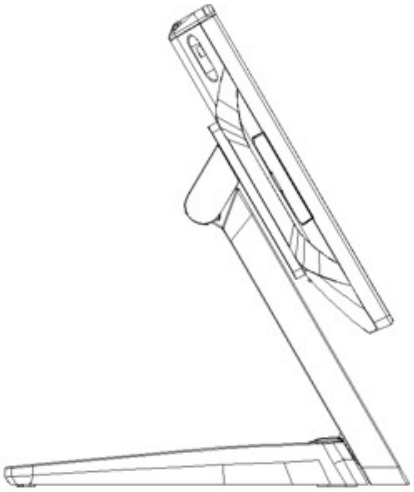
# Color


# Cable Management

# Adjustable Angle

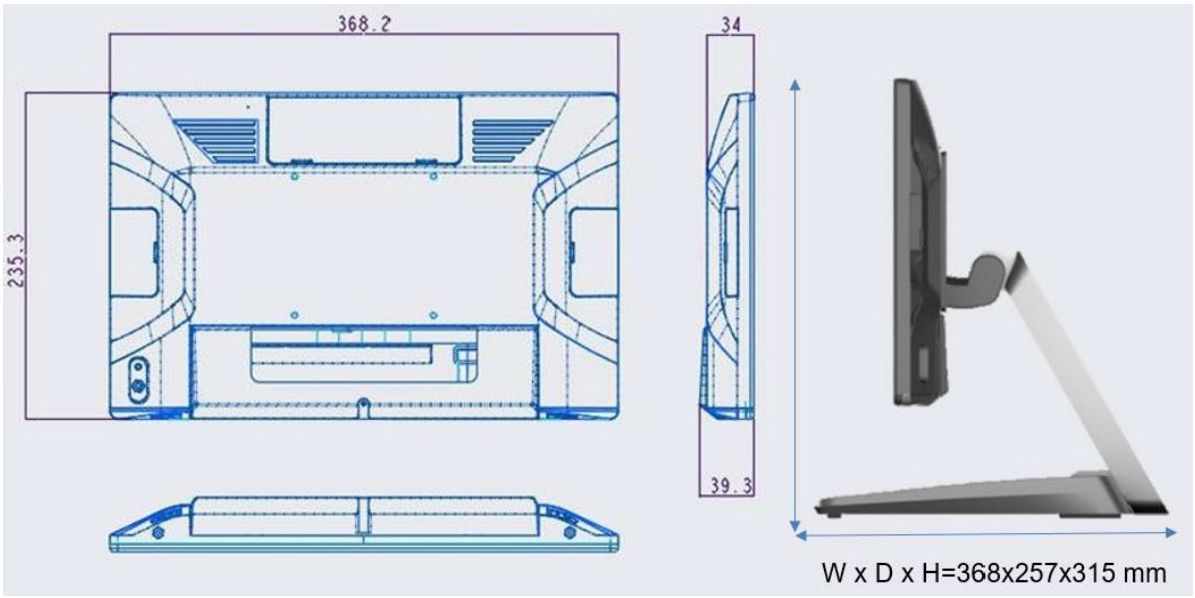


0°



120°

# Dimentions



# Rear I/O Panel Connectivity – IO Default


| I/O Port | Connector Type | Application |
|---|---|---|
| Video Ports | HDMI x1 | For 2nd HDMI Monitor |
| PUSB 24V | 24V Power USB | |
| FEC I/O | Including 5V/12V/24V (BIOS select) and USB 2.0 x 2 and Com port x 1 | FEC I/O cables |
| 20V in | 20V DC in ( 130W ) | |
| Cash drawer | 12V / 24V adjust by bios | |
| USB DP or FEC DD | USB TC x1 (USB DP, FEC DD by BIOS select ) | For 2nd USB DP Monitor |
| Serial port | RJ45 Com port x 3 | |
| USB | USB 2.0 x 2 , USB 3.0 x 2 | |
| Ethernet | Giga Lan | |

# Packing list

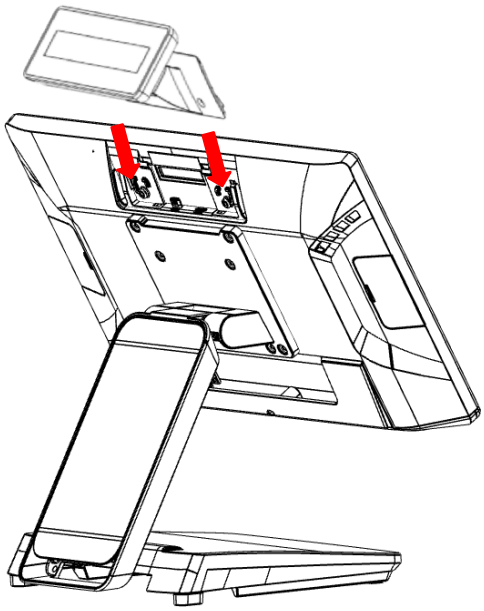
| Standard | | Optional & Peripherals | |
|---|---|---|---|
| 1 | 15.6” XPPC | | |
| 2 | 20V 130W Power Adaptor | | |
| 3 | AC Cord Cable | | |
| 4 | RJ-45 to D-sub9 Convert Cable x3 | | |
| | | | |

# CHAPTER 2 | HARDWAR INSTALLATION AND SETTING

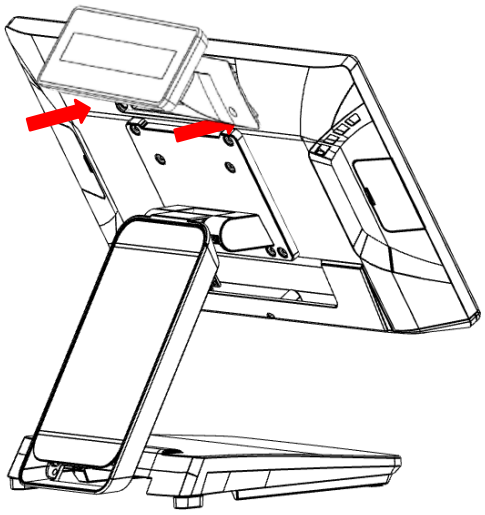
## Optional Device Installation

### Customer Display Installation (XP-2025)

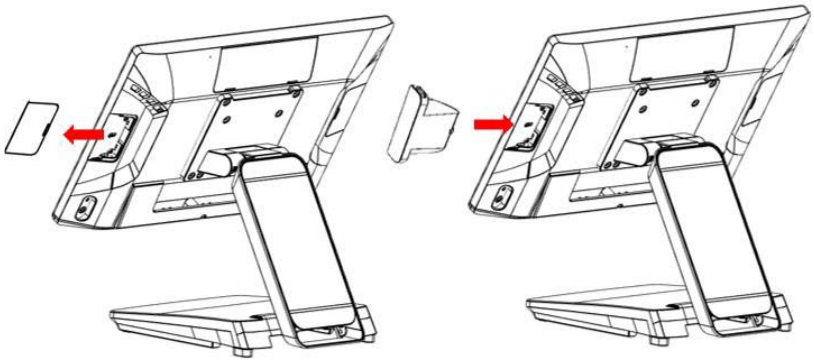
1. Pull up the connector



2. Fasten 2 screws for customer display



### Install Add-on Device

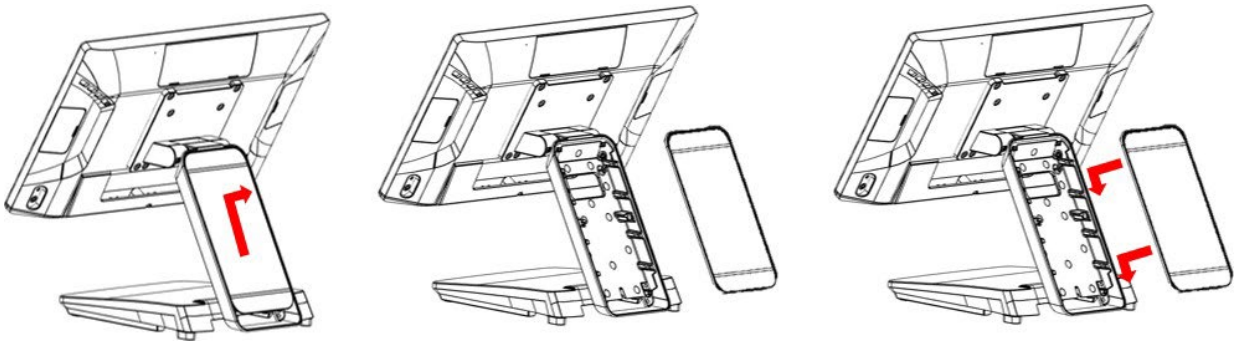


Remover Plastic Cover

Plug in ID device (USB) and fix it via 1 x M3 screw

## Remove & Install Cable Cover

Remove Cable Cover

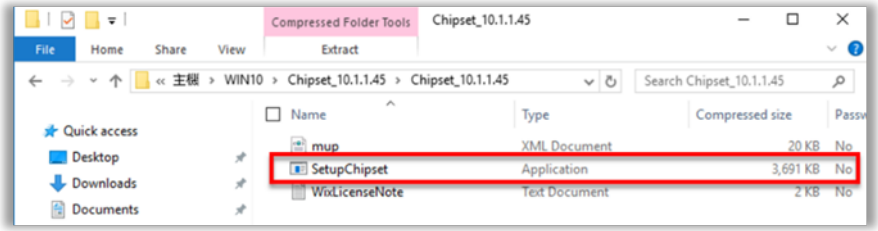


Install Cable Cover

# CHAPTER 3 | DRIVER & UTILITY INSTALLATION AND SETUP

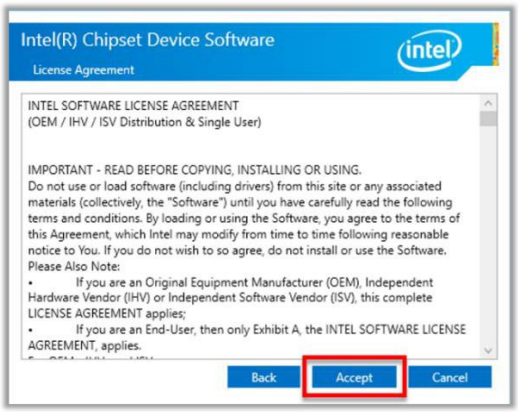
## 1. Chipset

- Locate chipset folder and double click on **[ SetupChipset ]**

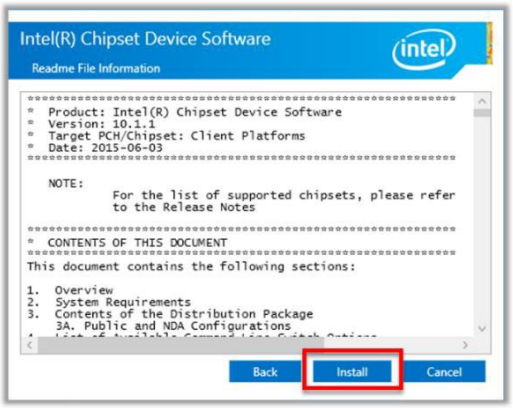



- Click **[ Next ]**

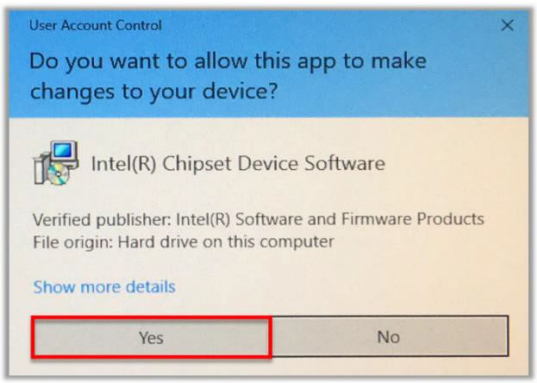

- Click **[ Accept ]**

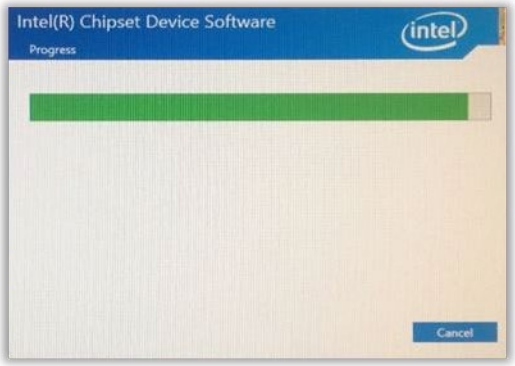



- Click **[ Install ]**




- Click **[ Yes ]**

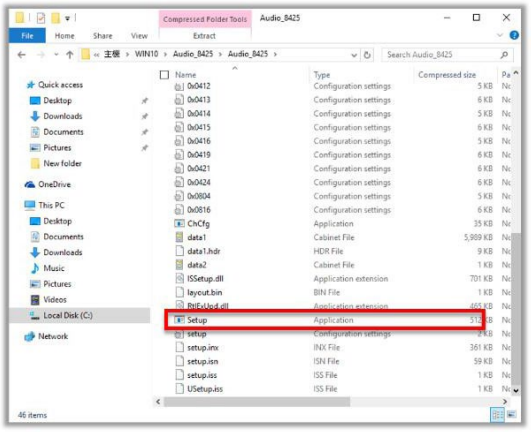




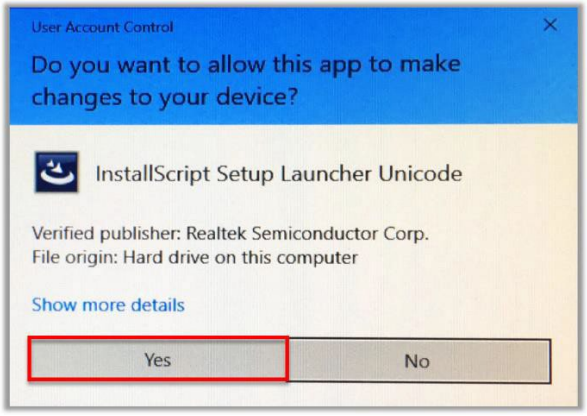

- Click **[ Restart Now ]**


## 2.Audio

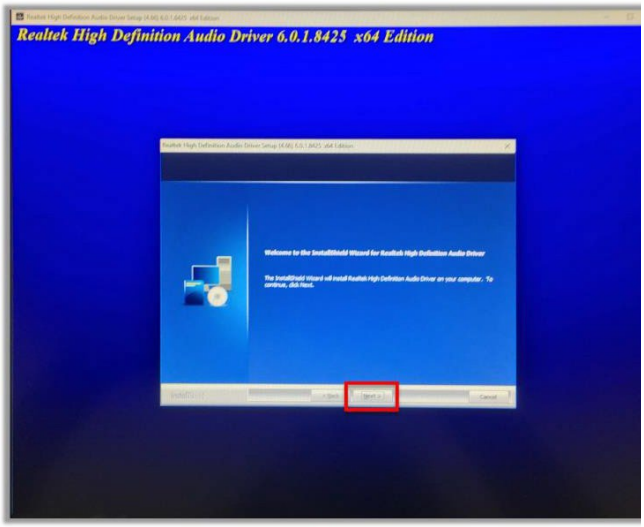
- Double click **[ Setup ]**



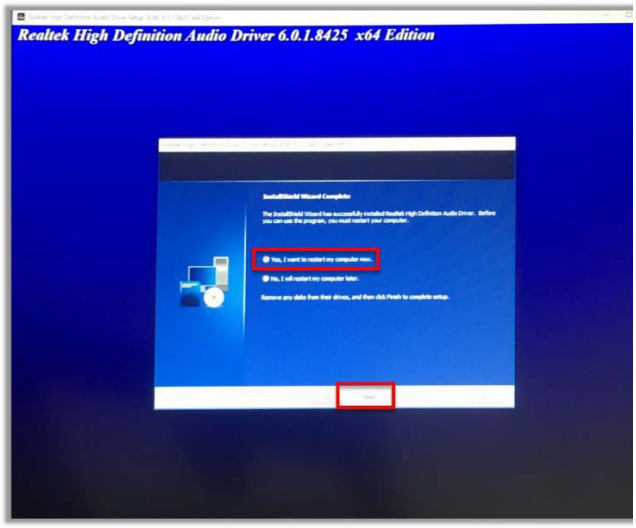

- Click **[ Yes ]**




- Click **[ Next ]**

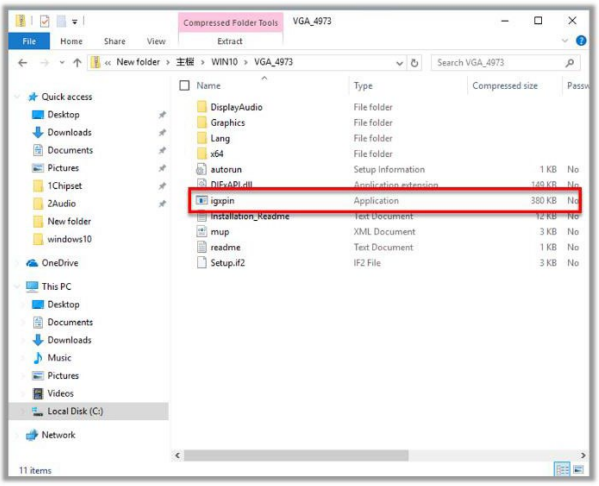



- Click **[ Yes, I want to restart my computer now ], [ Finish ]**

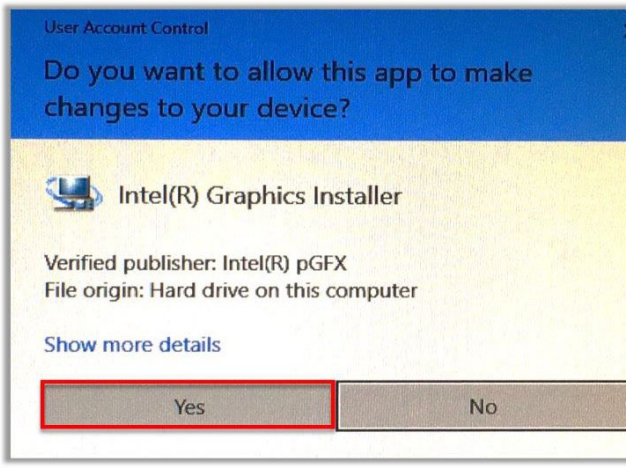


## 3. Graphics

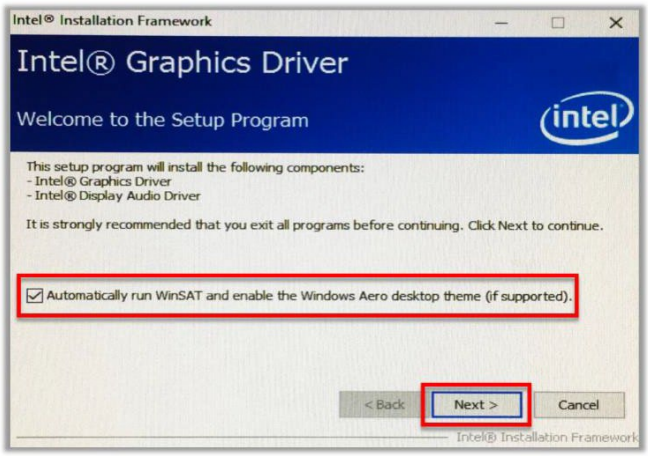
- Double Click [ igxpin ]



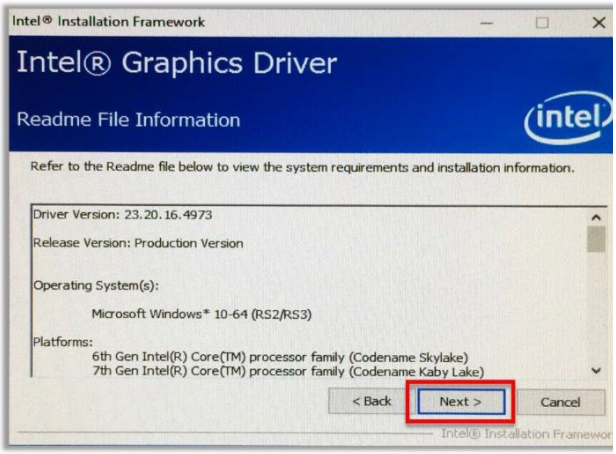

- Click [ Yes ]



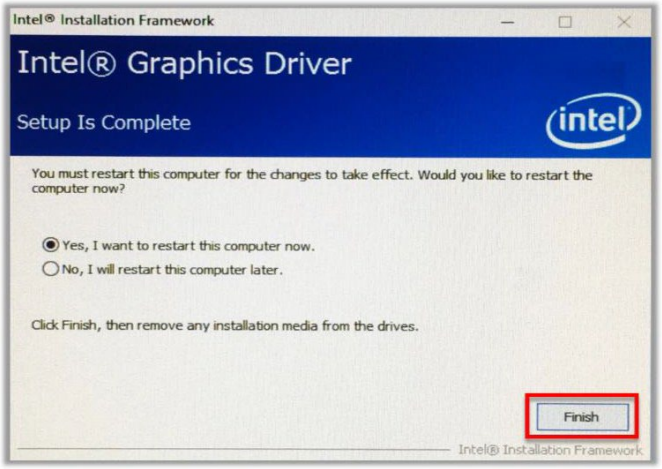

- Click **[ Next ]**




- Click **[ Next ]**

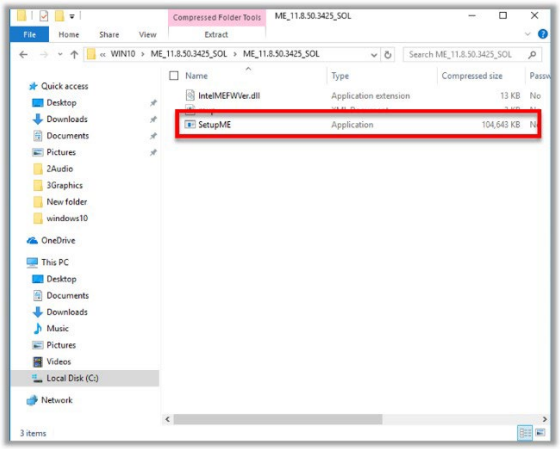



- Click **[ Finish ]**

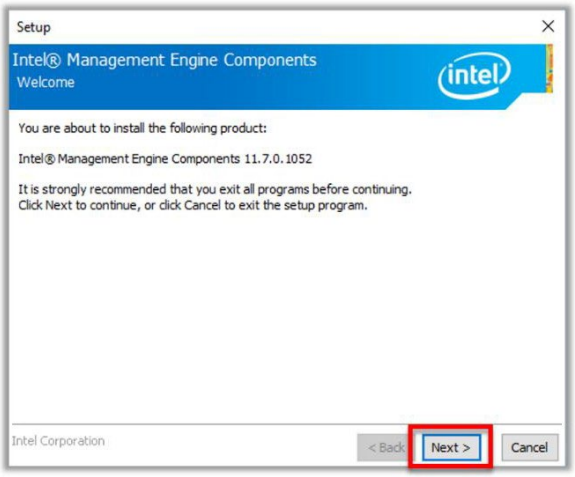


## 4. Intel® ME

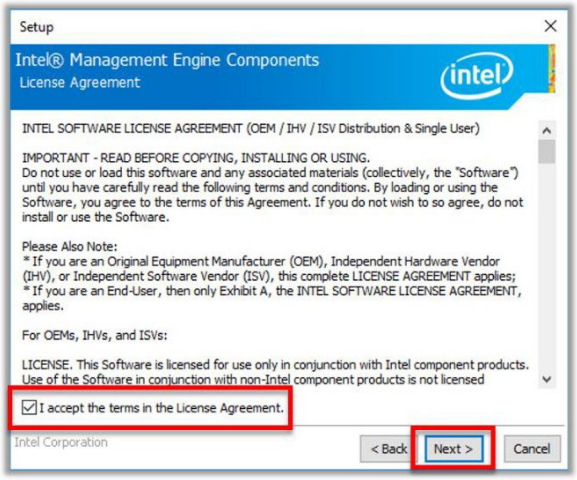
- Double Click **[ SetupME ]**



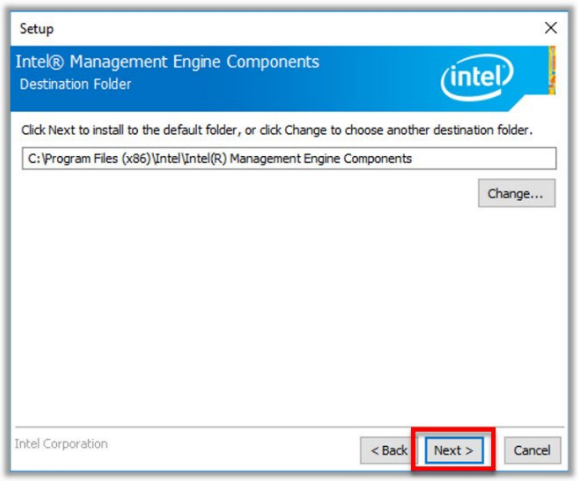

- Click **[ Next ]**




- Accept Terms then click **[ Next ]**

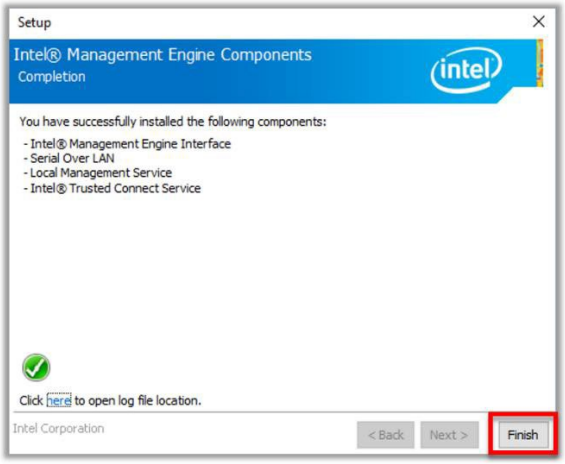



- Click **[ Next ]**



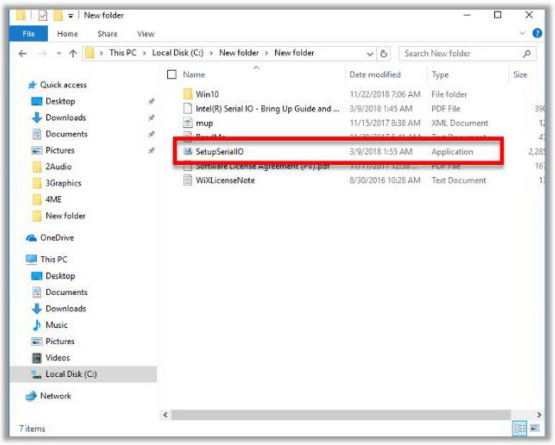

- Click **[ Yes ]**


- Click **[ Finish ]**

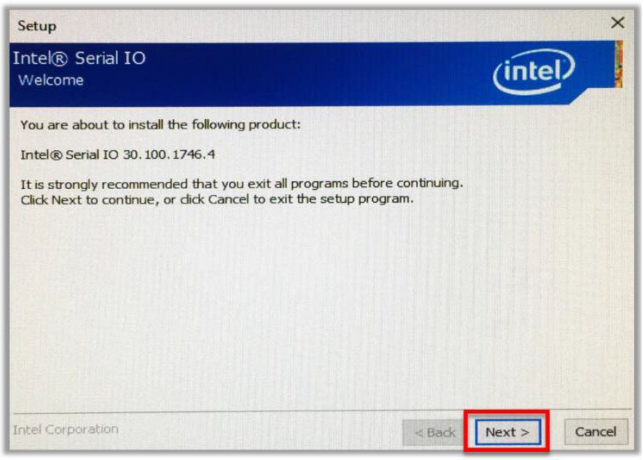


## 5. Serial IO

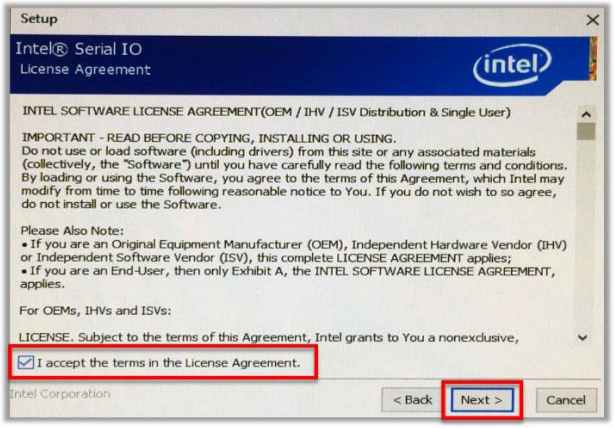
- Double Click [ SetupSerialIO ]



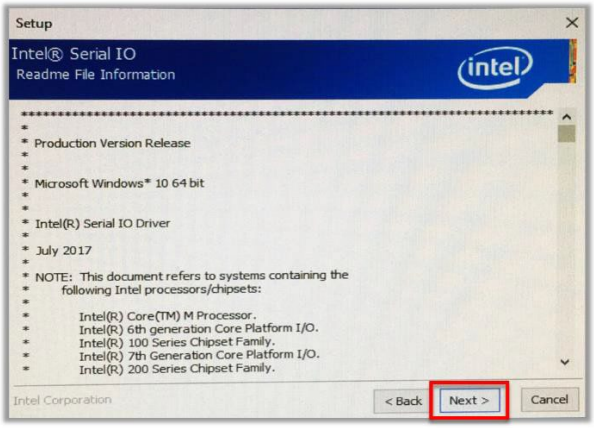

- Click **[ Next ]**



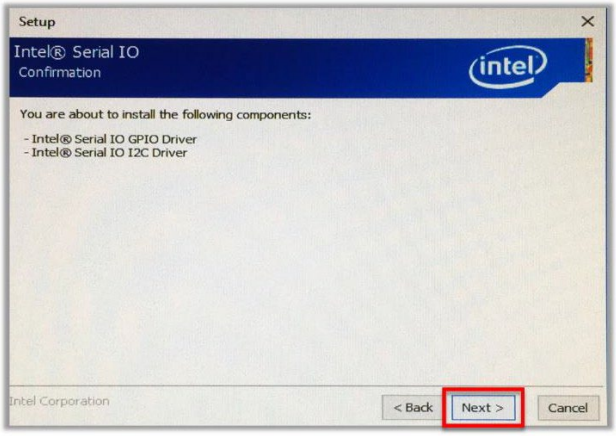

- Accept Terms then click **[ Next ]**



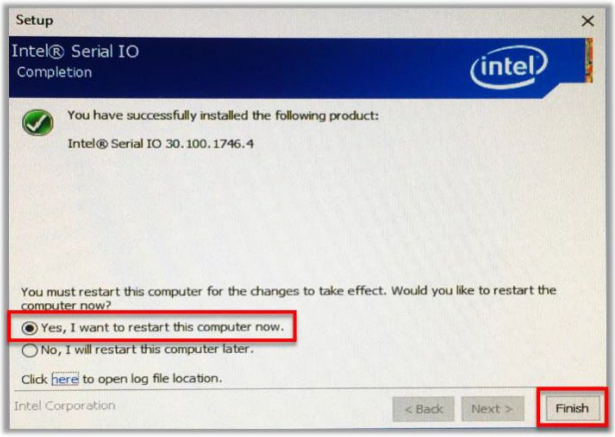

- Click **[ Next ]**




- Click **[ Next ]**

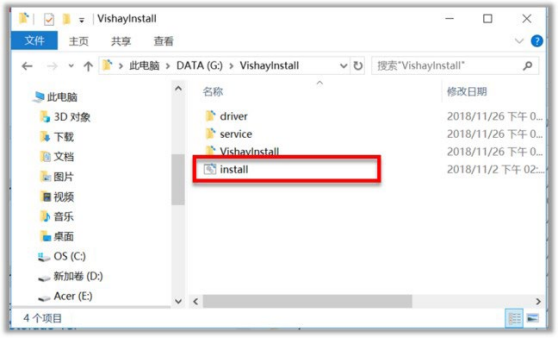



- Select Yes, I want to restart this computer now the click [ Finish ]

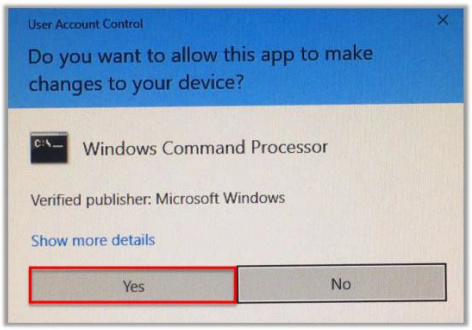


## 6. Sensor

- Double Click [ install ]




- Click [ Yes ]




**Press any key to continue …**


## 7. Cash Drawer

Please contact customer service staff and request with "**FEC Cash Drawer SDK Integration Guide**"

## 8. OPOS

Please contact customer service staff and request with **" Driver OPOS per FEC CashDrawer & VFD/LCM"**

# CHAPTER 4 | INSTALLAZIONE

# SOFTWARE

## Device Sample Code

### 1. Cash Drawer

```
public void CashDrawer_1_Open_click(View view) { try
    {
        Intent intent = new Intent(" X.intent.action.SET_BOX_OUTPUT1_HIGH");
        mContext.sendBroadcast(intent);
        Thread.sleep(200);
        Intent intent1 = new Intent(" X.intent.action.SET_BOX_OUTPUT1_LOW");
        mContext.sendBroadcast(intent1);
    } catch (Exception e) {
        Log.d(TAG, "Failed to send broadcast.");
    }
}

public void CashDrawer_2_Open_click(View view)
    { try {
        Intent intent = new Intent(" X.intent.action.SET_BOX_OUTPUT2_HIGH");
        mContext.sendBroadcast(intent);
        Thread.sleep(200);
        Intent intent1 = new Intent(" X.intent.action.SET_BOX_OUTPUT2_LOW");
        mContext.sendBroadcast(intent1);
    } catch (Exception e) {
        Log.d(TAG, "Failed to send broadcast.");
    }
}
```

## 2. COM Port

COM1 = /dev/ttyUSB0
COM2 = /dev/ttyUSB1
COM3 = /dev/ttyUSB2
COM4 = /dev/ttyUSB3
COM5 (LCM/VFD) = /dev/ttyS1

---

```
int intSerialPortHandle = -1; int
intReturnCode = -1;  private int
intBaudRate=9600;
private String strTestString="testStringtestString";
String strttyUSBPath;

SerialPort sp;

private void SleepMiniSecond(SerialPort spThread, int minSecond)
{
    try {
        spThread.sleep(minSecond);
        dump_trace("SLEEP_MSEC="+ minSecond);
    } catch (InterruptedException e) { e.printStackTrace();
    }
}

private boolean RS232_Test
{
            int intDataReceivedLength=0;
            sp = new SerialPort();

            strttyUSBPath = "/dev/ttyUSB0"
            intSerialPortHandle = sp.open(strttyUSBPath,intBaudRate);

            byte[] btyVersion_msg_received = new byte[256];
    Arrays.fill( btyVersion_msg_received, (byte) 0 );
            intReturnCode = sp.write(intSerialPortHandle,strTestString.getBytes());
```

```
            sp.setListener(splistener);
            intDataReceivedLength = sp.getDataReceivedLength(); int
            nRetry=0;
            while (intDataReceivedLength == 0)
            {
                    SleepMiniSecond(sp,  1000);
                    intDataReceivedLength = sp.getDataReceivedLength(); nRetry++;
                    if (nRetry == 2) break;
            }

    if ( intDataReceivedLength>= 0)
        { btyVersion_msg_received =
Arrays.copyOf(sp.getBytDataReceived(),intDataReceivedLength);
    }

    sp.close(intSerialPortHandle); sp
    = null;
    boolean testResult = false;
    testResult = (intDataReceivedLength > 0 )? true: false; return
    testResult;
}
```

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# CHAPTER 5 | SPECIFICATIONS

| **PP-9715W** da 15,6" | |
|---|---|
| **Model** | PP-9715W · |
| **CPU** | Intel® Celeron® G4900T 2M Cache, 2.90GHz<br>Intel Core™ i3 9100TE 6M, 3.20GHz<br>Intel Core™ i5 9500TE 9M, 3.60GHz |
| **Resolution** | 1920x1080 300nits MTBF 30K |
| **Touch** | Capacitivo (Multi-touch) |
| **RAM** | 4GB Standard, Max 32GB (2 x So-DIMM DDR4) |
| **Storage** | 2 x M.2 M Key (SATA III or PCIe) |
| **Defaut I/O** | 1 x Video Port<br>1 x PUSB 24V<br>1 x FEC I/O (Reserved<br>for additional DC output<br>5V/12V/24V, USB, or<br>Com ports)<br>1 x USB DP / FEC DD<br>(Select by BIOS)<br>3 x RJ45 (COM 1, COM2,<br>Com3 ) RS232<br>4 x USB Type A (2 x USB<br>2.0, 2 X USB 3.0)<br>1 x RJ45 GigaLAN |
| **Optional Devices** | Wifi a / b / g / n / ac e BT 4.2<br>2M Camera<br>LCM (XP-2025)<br>Light Sensor |
| **Speakers** | 2 x 2W |
| **Operative System** | Windows 10 Pro / LTSC / SAC<br>Linux |
| **Power** | 20V 130W |

## EU Declaration of Conformity

**Prodotto:** PC ALL IN ONE **Family:** PP XXXX **Model:** See Model Appendix sheet

**Importer :** FEC ITALIA SRL **Address:** Via Spoleto, 4 – TAVAGNACCO (UD) Italy
**Manufacturer** : Firich Enterprises Corp. **Address:** 10F., No. 75, Sec. 1, Sin Tai Wu Rd., Sijhih Dist., New Taipei City 221, Taiwan, R.O.C The present Declaration of Conformity is released under the sole responsibility of the Importer

**Subject of Declaration:**
The subject of the declaration above is in line with the relevant EU harmonization legislation:

- **Directive 2014/35/UE (LVD)**
- **Directive 2014/30/UE (EMC)**
- **Directive 2011/65/UE (RoHS II) and subsequent modifications introduced with the Delegated Directive 2015/863/UE (RoHS III)**
- **Directive 2009/125/CE Ecodesign**
- **Ruling (EU) No. 617/2013**

**conforms to the following Product Specifications and Regulations:**

EMC

**EN 55032:2015/AC:2016 Class A, EN 61000-3-2:2014, EN 61000-3-3:201**

**EN 55024:2010 (IEC 61000-4-2 Edition 2.0 2008-12,**

**IEC 61000-4-3 Edition 3.2 2010-04, IEC 61000-4-4 Edition 3.0 2012-04,**

**IEC 61000-4-5 Edition 2.0 2005-11, IEC 61000-4-6 Editi on 4.0 2013-10,**

**IEC 61000-4-8 Edition 2.0 2009-09, IEC 61000-4-11 Edition 2.0 2004-03)**

LVD

**IEC 60950 - 1: 2005 2nd Edition AM1: 2009 e/o**

**EN 60950 - 1: 2006 +A11 +A1:2010 + A12:2011**

ROHS

**EN 50581:2012**

ECODESIGN

**EN 62623:2013**

**Date:** 18/10/2021
**Name:** Vincenzo Verità
**Position:** Amministratore Unico
**Signature:**

**Model Appendix**

For EU Declaration of Conformity

| *Family:* | **PP XXXX** |
|---|---|
| *Models* | PP 9635 C, 15”/T/4GB RAM/BLACK |
| | PP 9635 CL, 15”/T/4GB RAM/BLACK |
| | PP 9635 A, 15”/T/4GB RAM/BLACK |
| | PP 9645 C, 15”/T/4GB RAM/BLACK |
| | PP 9715, 15” /T/4GB RAM/BLACK |
| | PP 9715W, 15,6”/T/4GB RAM/BLACK |
| | PP 9122W, 22”/T/4GB RAM/BLACK |
| | PP 8642, 22”/T/4GB RAM/BLACK |
| | PP 8643, 32”/T/xGB RAM/BLACK |
| | PP 8632, 22”/T/4GB RAM/BLACK |
| | PP 9105, 15”/T/OS Android |
| | PP 8105, 15”/T/OS Android |
| | PP 8102, 22” /T/OS Android |
| | PP 8102W, 22” /T/OS Android |