

15" All-In-One POS System i5 9th Gen

USER MANUAL



PTE0905

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 THE STORAGE TEMPERATURE IS BELOW -20° C (-4°F) OR ABOVE 60° C (140° F).

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Chapter 1

Introduction

Main Features

- **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 or Wall-mounted.
- **Shared Peripherals:** Share the same peripherals with XPOS

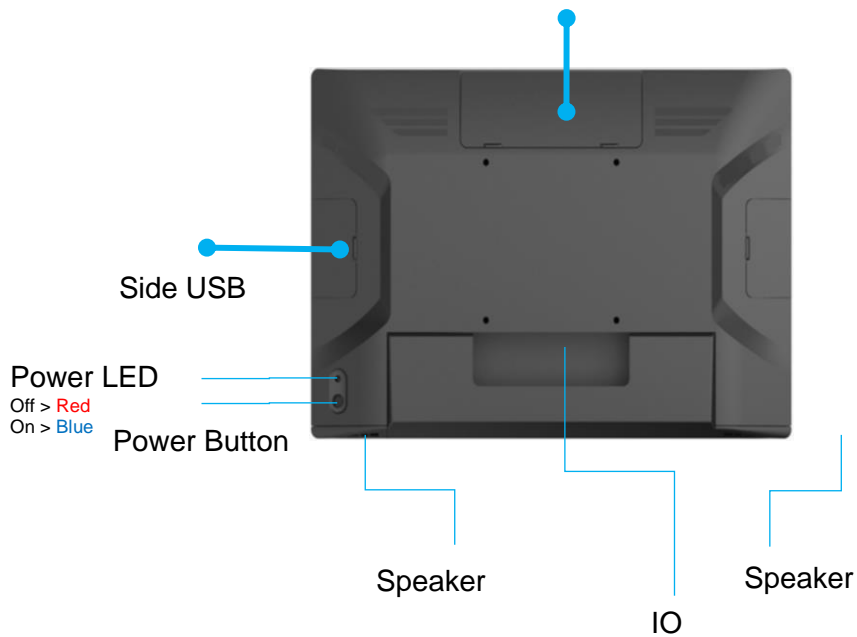
15" PTE0905

Wifi 802.11 a/b/g/n/ac & Bluetooth 4.2(Optional)



Light Sensor

LCM or 2nd 10" non-touch LCD (Smart DP)



Optional Peripheral PTE0905

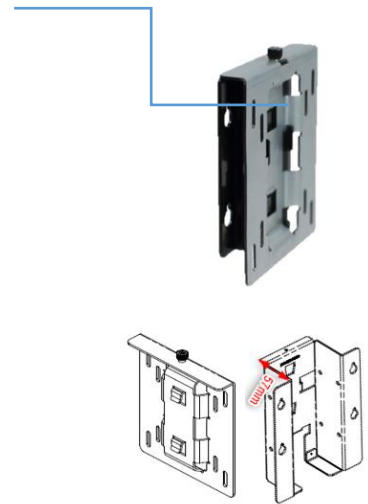
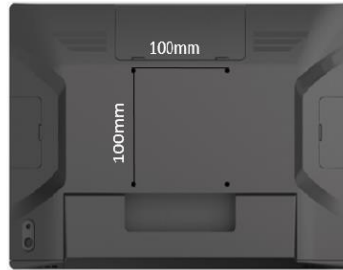


XPOS Add-on device (MSR / FP / RFID / I-Button / 2 in 1)





Wall Mount Bracket



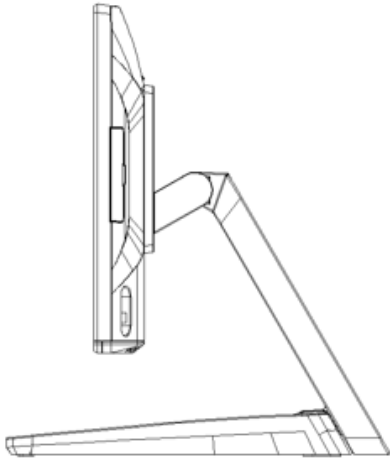
Thickness of wall mount bracket (no space for power adapter)= 21mm

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

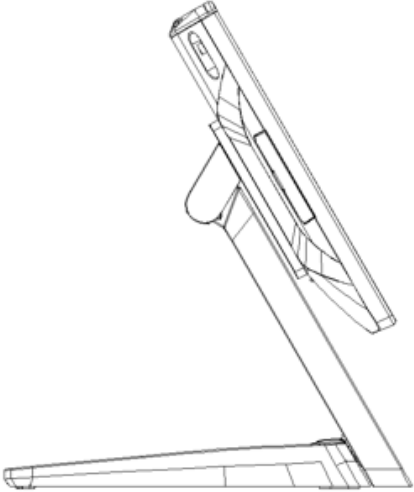
Cable Management (PTE0905)



Adjustable Angle (PTE0905)

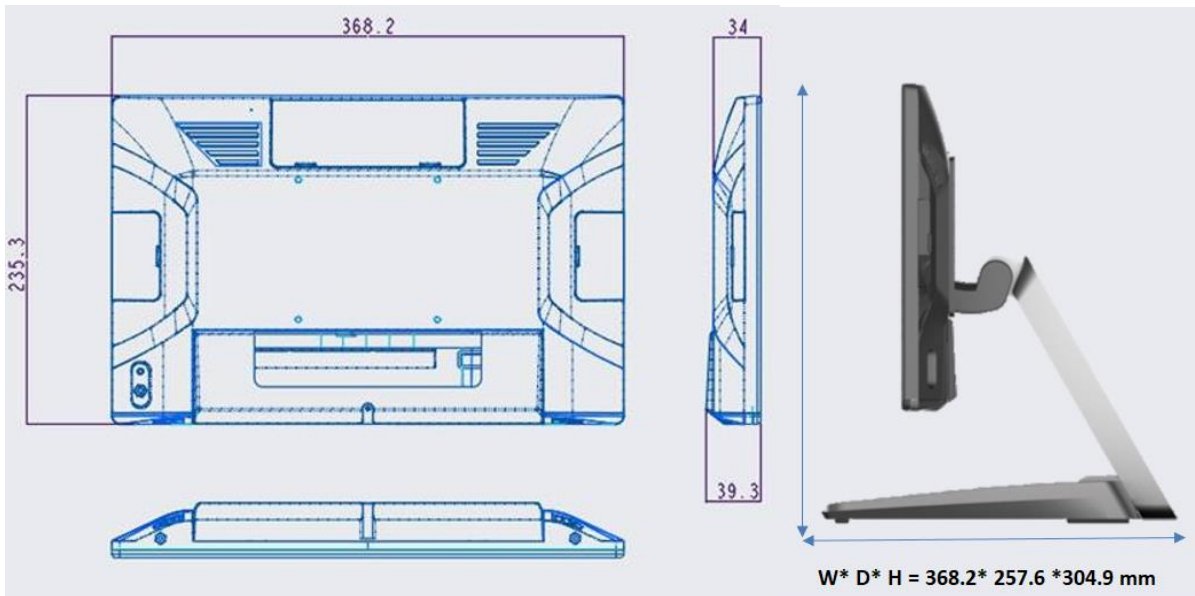


0°



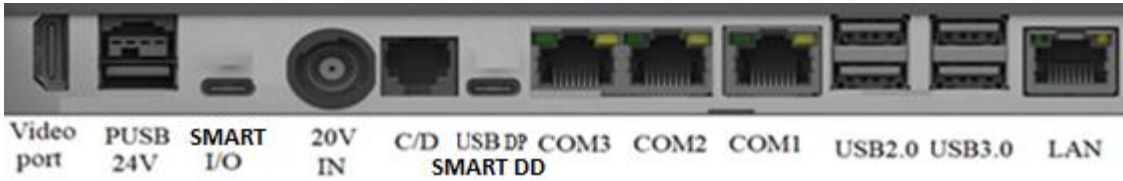
120°

Dimension (PTE0905)



Rear I/O Panel Connectivity (PTE0905)

IO Default



| I/O Port | Connector Type | Application |
|--------------------|---|------------------------|
| Video Ports | HDMI x1 | For 2nd HDMI Monitor |
| PUSB 24V | 24V Power USB | |
| Smart I/O | Including 5V/12V/24V (BIOS select) and USB 2.0 x 2 and Com port x 1 | I/O cables |
| 20V in | 20V DC in (130W) | |
| Cash drawer | 12V / 24V adjust by bios | |
| USB DP or Smart DD | USB TC x1 (USB DP, SMART 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 (PTE0905)

| Standard | | Optional & Peripherals | |
|----------|----------------------------------|------------------------|--|
| 1 | 15" | | |
| 2 | 20V 130W Power Adaptor | | |
| 3 | AC Cord Cable | | |
| 4 | RJ-45 to D-sub9 Convert Cable x1 | | |
| | | | |

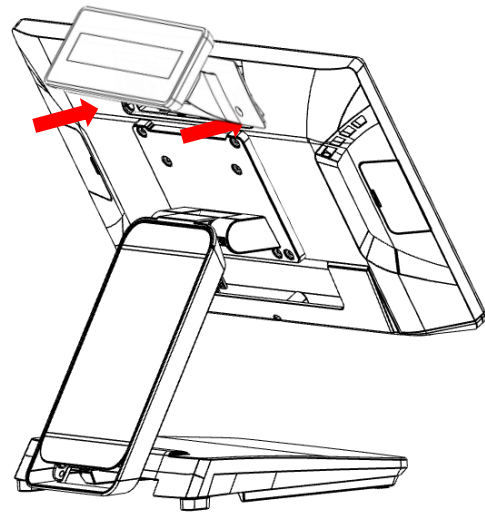
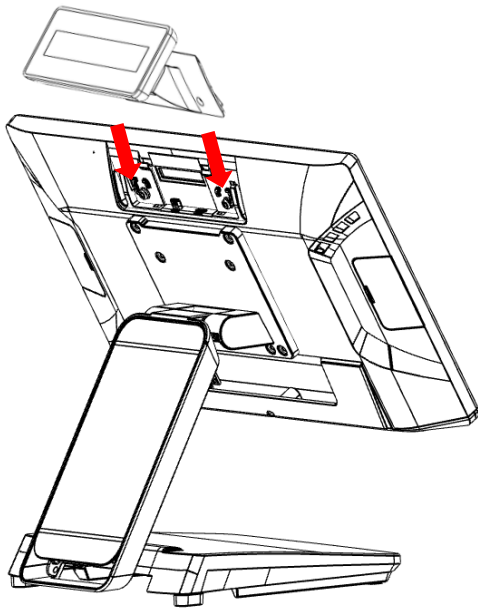
Chapter 2

Hardware Installation & Setting

Optional Device Installation

1. Customer Display Installation,

Install Pull up the connector

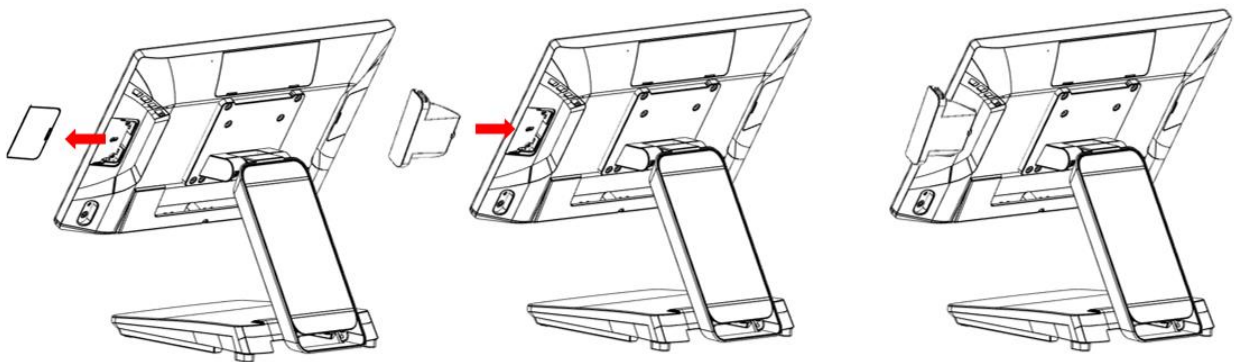


Fasten 2 screws for customer display

2. Install 2nd display (integrated type) PTE0905-M10 on Smart DP



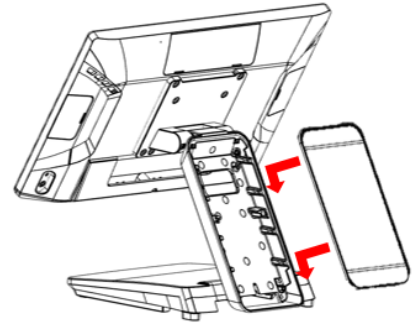
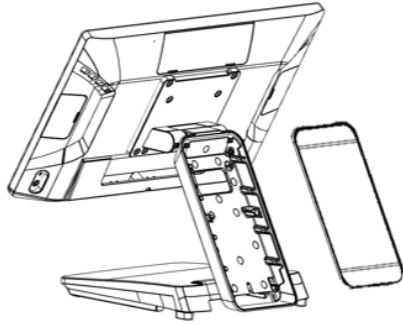
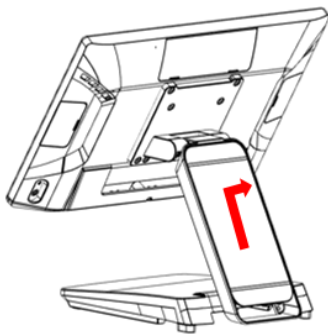
Remover Plastic Cover



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

2. Remove & Install Cable Cover

Remove Cable Cover



Install Cable Cover

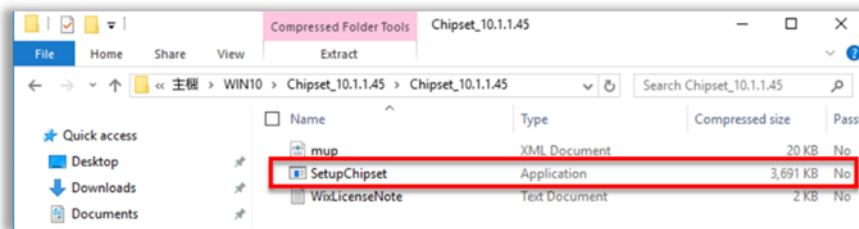
Device status setting

Chapter 3

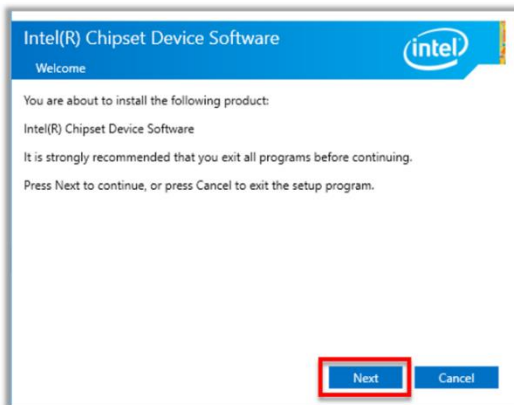
Driver & Utility Installation and Setup

1. Chipset

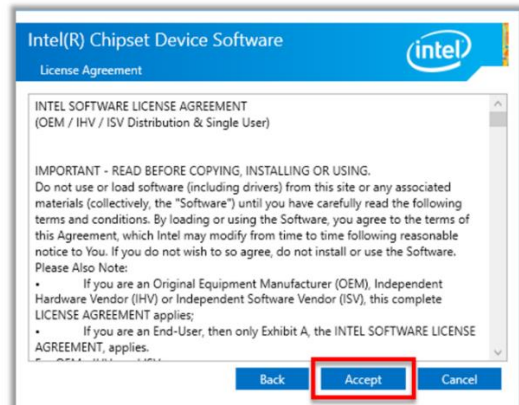
- Locate chipset folder and double click on [**SetupChipset**]



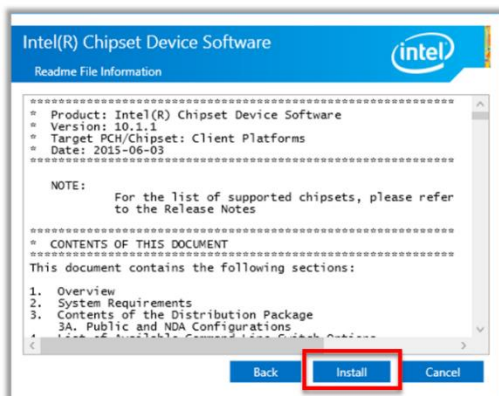
- Click [**Next**]



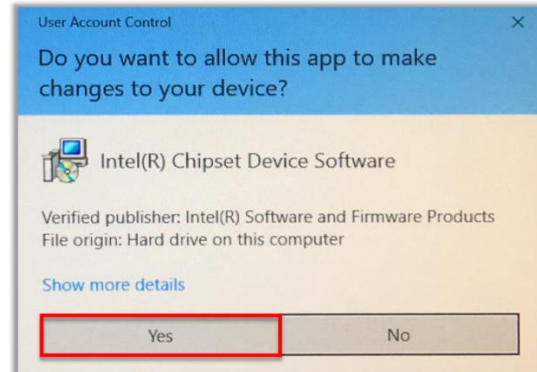
- Click [**Accept**]



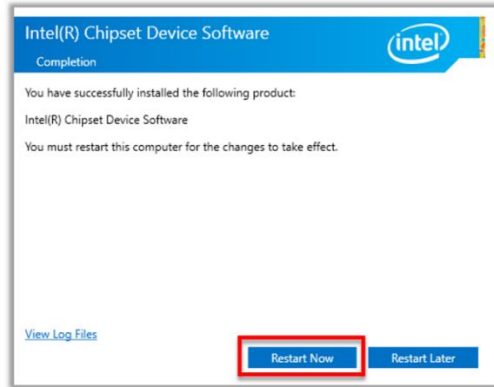
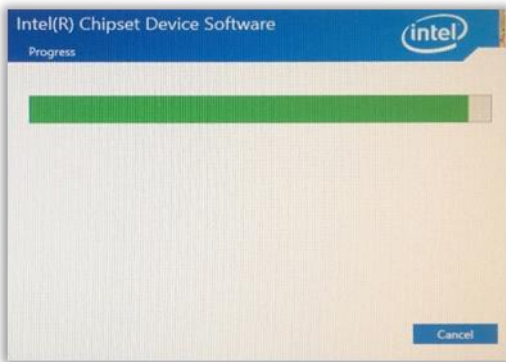
- Click [**Install**]



- Click [**Yes**]

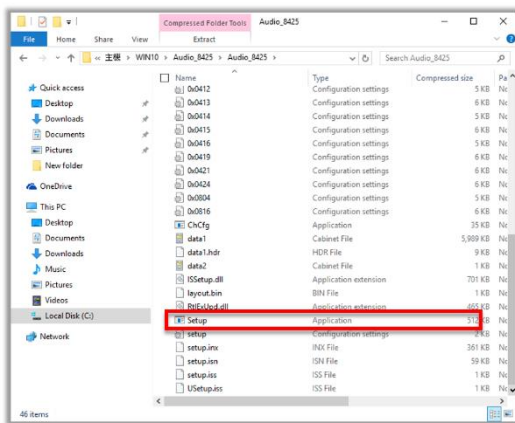


- Click [**Restart Now**]

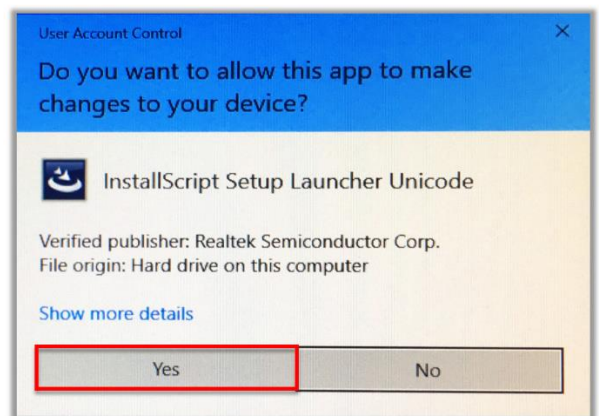


2.Audio

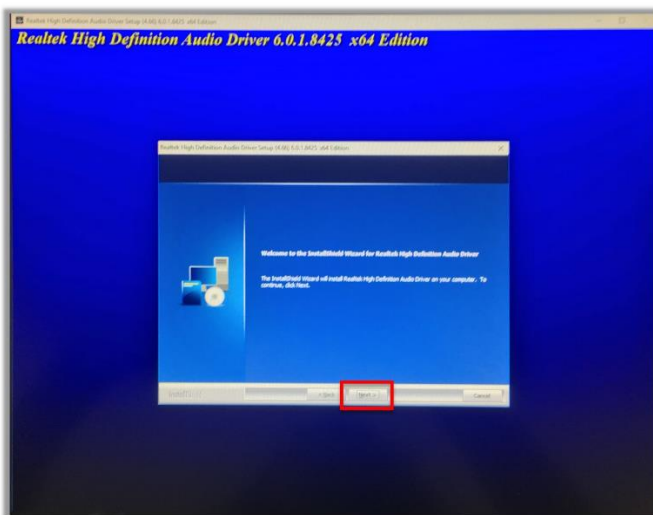
- Double click [Setup]



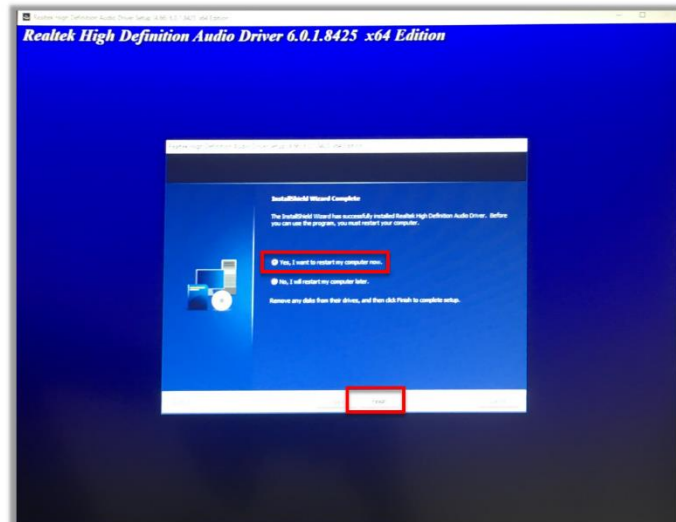
- Click [Yes]



- Click [Next]

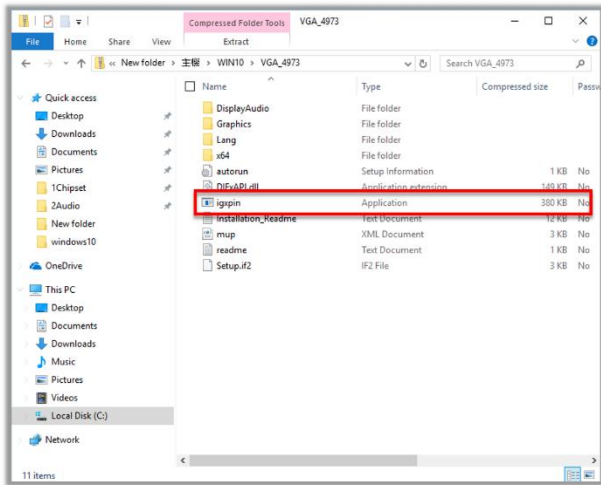


- Click [Yes, I want to restart my computer now], [Finish]

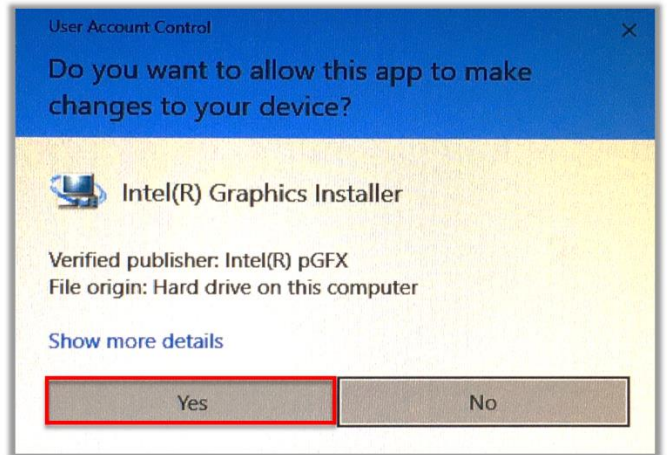


3. Graphics

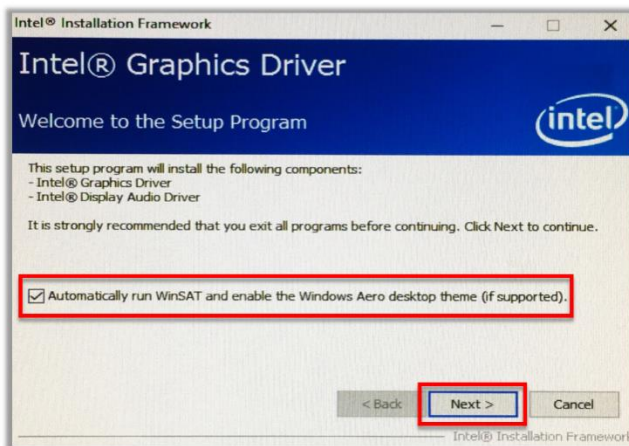
- Double Click [igxpin]



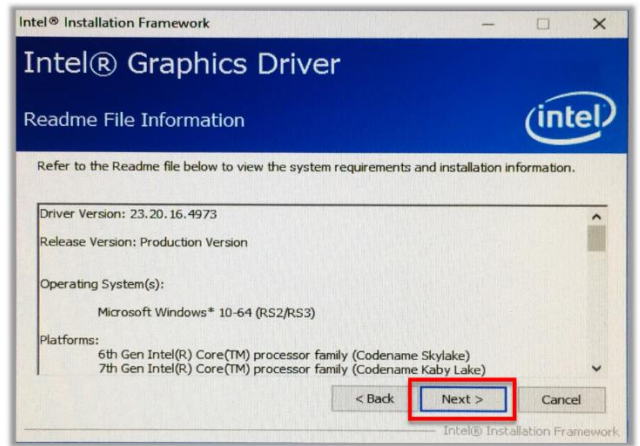
- Click [Yes]



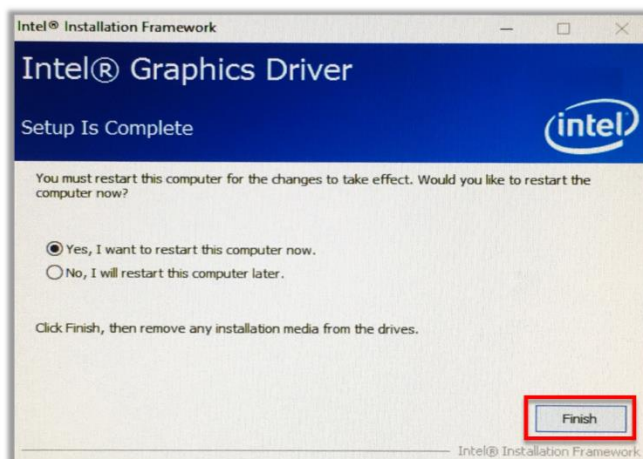
- Click [Next]



- Click [Next]

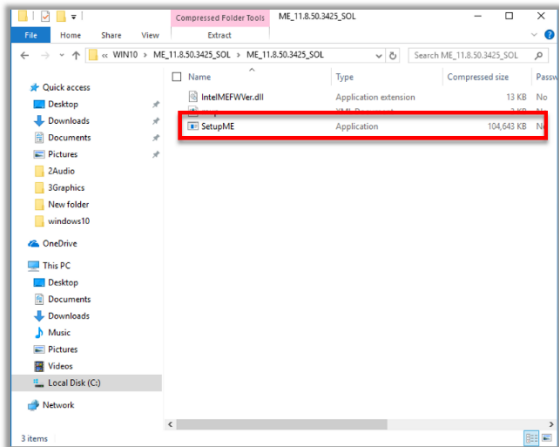


- Click [Finish]

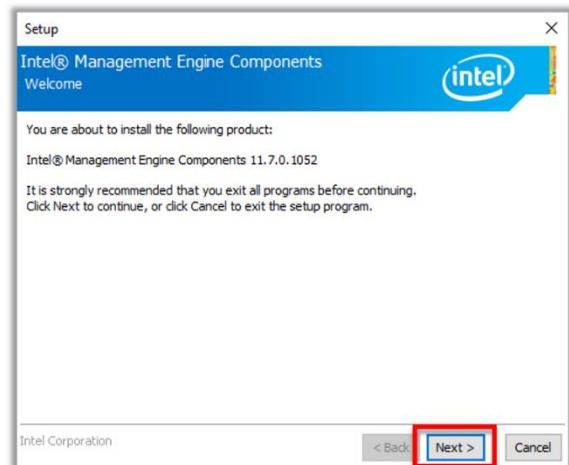


4. Intel® ME

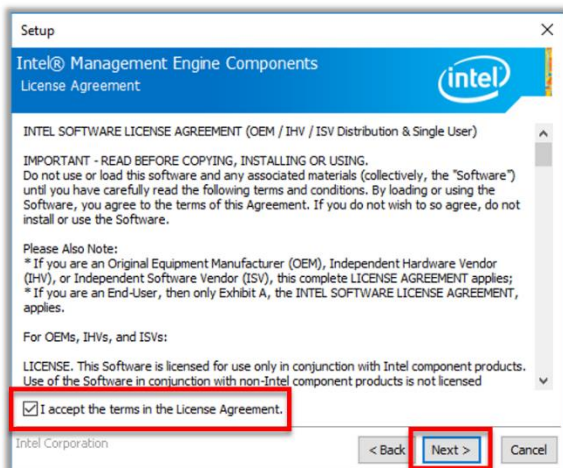
- Double Click [SetupME]



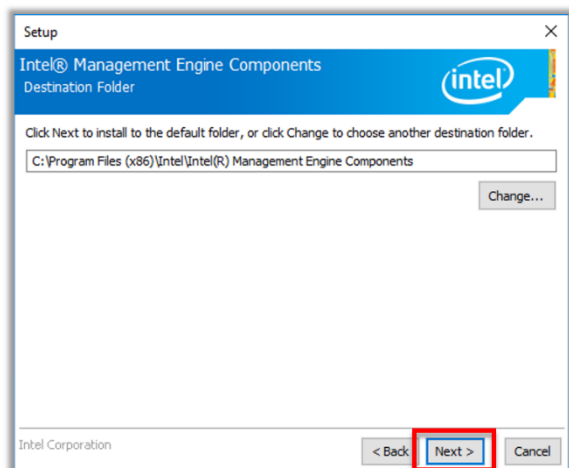
- Click [Next]



- Accept Terms then click [Next]



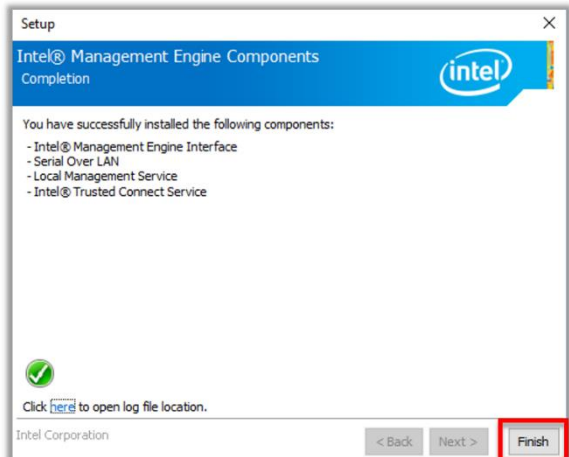
- Click [Next]



- Click [Yes]

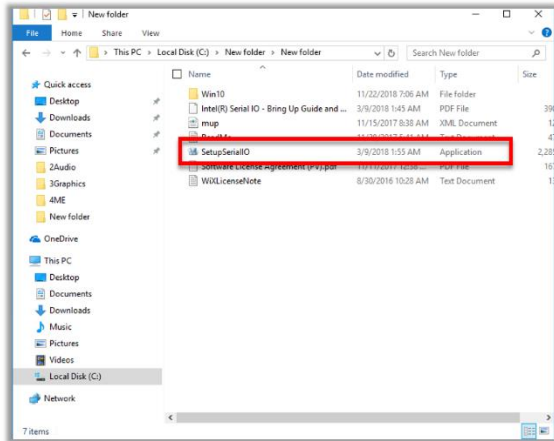


- Click [Finish]

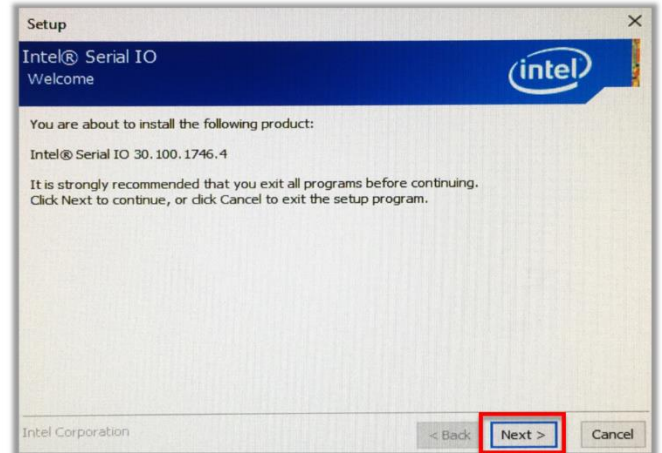


5.Serial IO

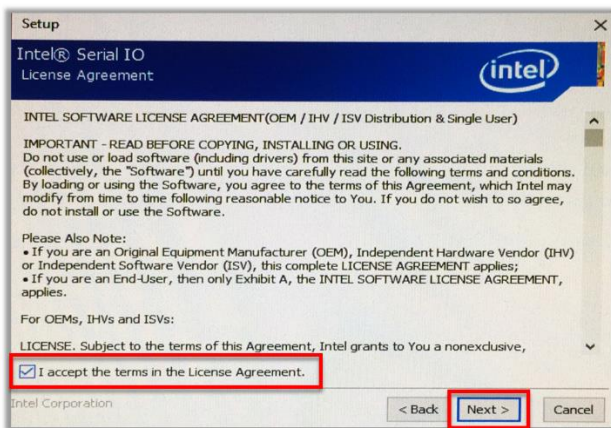
- Double Click [**SetupSerialIO**]



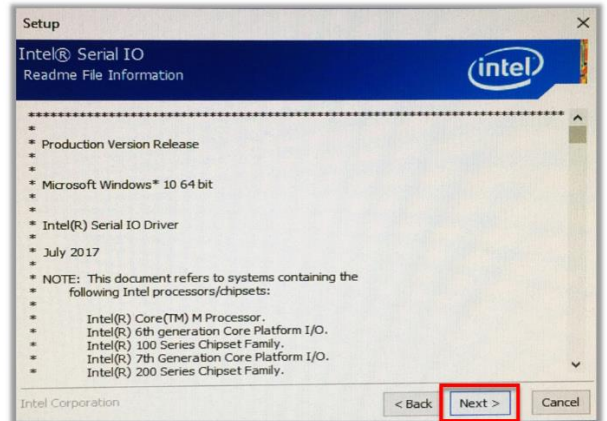
- Click [**Next**]



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

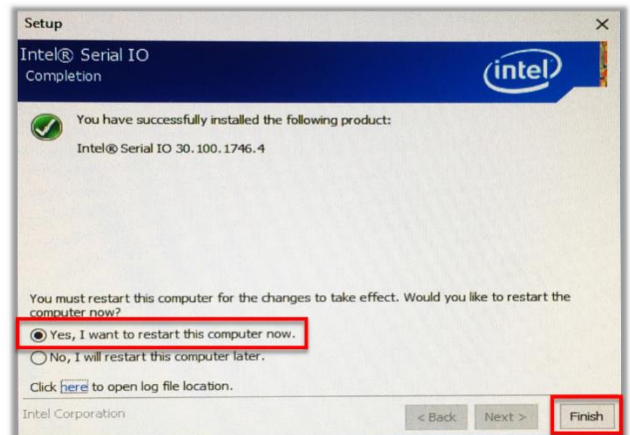
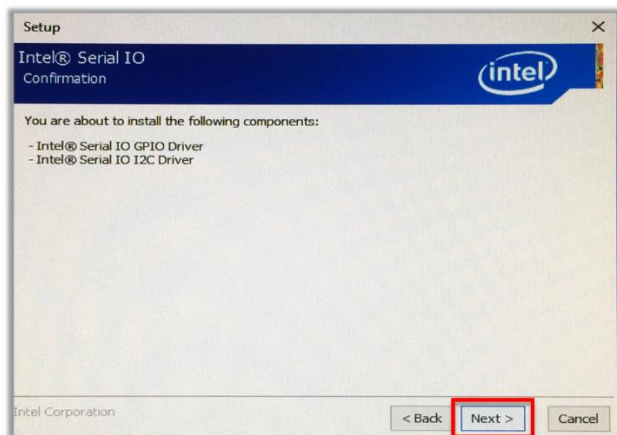


- Click [**Next**]



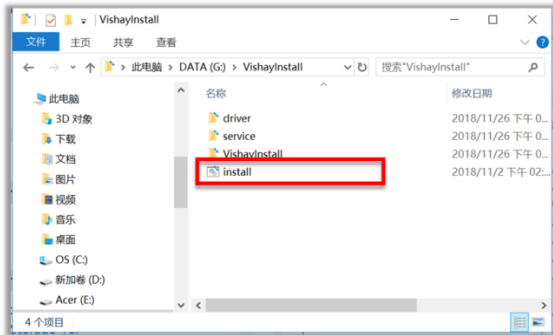
- Click [**Next**]

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

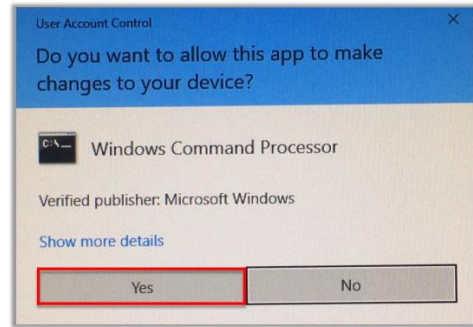


6.Sensor

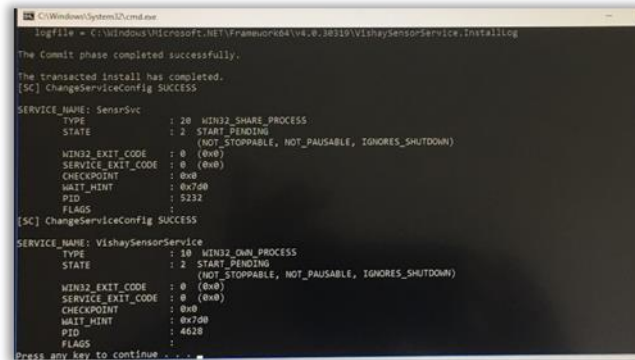
- Double Click [install]



- Click [Yes]



Press any key to continue ...



7.OPOS

Please contact customer service to request
“ OPOS Driver for 3nStar CashDrawer & VFD/LCM”

Chapter 4

Specifications



15"

| | |
|--------------------|--|
| Model | PTE0905 |
| CPU | I5-9500TE (Embedded)(9 Gen) |
| Resolution | 1024 * 768 400nits |
| Touch | Projected Capacitive (Multi-touch) |
| DRAM | DDR4 SO-Dimm Slot x 2 (Support 2666 MHz & max 64G) |
| M.2 storage | M.2 2280 slot x 1 (Interface SATA 3 & Support PCIE), optional for 2 nd M.2 |
| Default I/O | Video Ports : HDMI x1 PUSB 24V : 24V Power USB SMART I/O : Including 5V/12V/24V (BIOS select) and USB 2.0 x 2 and Com port x 1 20V in: 20V DC in (130W) Cash drawer: 12V / 24V adjust by bios USB DP or SMART DD : USB TC x1 (USB DP, SMART DD by BIOS select) Serial port :RJ45 Com port x 3 USB: USB 2.0 x 2 , USB 3.0 x 2 Ethernet :Giga Lan |
| | |

| Optional: SMART I/O Cables | | Cable Type | Application | Side A | Side B | P/N |
|----------------------------------|-----------------|---------------------|-------------------------|--------------|------------------------|--------------|
| | 1 | 12V Y cable | 2 nd Monitor | TC connector | 12V DC jack & USB B | RA9000XC4441 |
| | 2 | 24V Printer Y cable | Printer | TC connector | 3 pin hoshiden & USB B | RA9000XC4390 |
| | 3 | COM cable | Com port device | TC connector | DB 9 | RA9000XC4391 |
| | 4 | USB cable | Payment device power | TC connector | 12V DC jack | RA9000XC4442 |
| | | | | | | |
| Speakers | 2 x 2W | | | | | |
| OS | Windows 10 LTSC | | | | | |
| Power | 20V 130W | | | | | |

Chapter 5

Troubleshooting