

# All-in-One Fanless POS System

## PTE0120

The 3nStar All-in-One PTE0120 has been designed for Point of Sale and Hospitality applications.

It is robust, dust resistant and capable of continuous operation 24 hours a day, 365 days a year.



### Features:

- 15" Capacitive Multitouch Touch Screen: Provides a brighter image and a more sensitive touch.
- Industrial Fanless Motherboard with Intel J6412: efficient, Stable, and reliable.
- 4GB RAM expandable up to 16GB.
- Solid Stage 120GB Hard Drive expandable to 1TB provides best performance, reliability and durability.
- Optional Dual Band 802.11ac, a/b/g, n Wi-Fi
- Optional Bluetooth 4.0: Easy pairing with all your devices (BT Scanners, Mobile Printers, keyboard).
- Rich I/O: 7 USB, 2 RS232, 1 VGA
- Optional Customer Display 9.7" LCD for better customer interaction
- Support PXE (Preboot Execution Environment) that allows to be configured and booted remotely by an administrator
- Compatible with most versions of Windows and Linux

## Physical

|              |                                  |
|--------------|----------------------------------|
| Dimensions   | 400mm x 360mm x 210mm            |
| Weight       | 6.3Kg.                           |
| Construction | ABS Plastic and Galvanized Steel |
| Color        | Silvery around the body          |

## Performance

|                  |                                      |
|------------------|--------------------------------------|
| Operating system | (Optional) Windows 7,8,10, and Linux |
| CPU              | Intel J6412 2.0Ghz.                  |
| Memory           | 4GB DDR4 expandable to 16GB          |
| Storage          | 120GB SSD expandable to 1TB          |

## Connectivity

|              |   |
|--------------|---|
| Wi-Fi        | Double Band 802.11ac, a/b/g, n (Optional) |
| Bluetooth    | 4.0 (Optional)                            |
| Ethernet     | 10/100/1000M RJ45                         |
| USB          | 7 Ports (1 dedicated for MSR)             |
| Serial RS232 | 2 Ports                                   |
| Cash Drawer  | 1 RJ12                                    |
| Video Output | 1 VGA Port                                |

## Touch Panel

|                  |                      |
|------------------|----------------------|
| Touchscreen type | Capacitive 10 points |
| Transmittance    | >95%                 |
| Touch times      | More than 50,000,000 |

## Monitor

|                      |                           |
|----------------------|---------------------------|
| Resolution           | 1024 * 768                |
| Pixel                | 0.297(V)×0.297(H)mm       |
| Brightness (Typical) | 400 cd/m <sup>2</sup>     |
| Contrast Ratio       | 800:1(Typical) 450:1(Min) |
| Response Time        | 16ms                      |
| Viewing Angle        | 150°/140°                 |
| Color Support        | 16,2M                     |
| Horizontal Frequency | 60Khz.                    |
| Vertical Frequency   | 78Hz                      |
| Bandwidth            | 60Hz                      |
| Lifetime             | More than 50,000 Hours    |

## Electrical

|                |                              |
|----------------|------------------------------|
| Adapter Output | DC 12V, 7.5A                 |
| Adapter Input  | Adapter AC 100-240V, 50-60HZ |

| Environmental               |                                      |
|-----------------------------|--------------------------------------|
| Operating Temperature       | 0°C ~ 50°C                           |
| Storage Temperature         | -20°C ~ 60°C                         |
| Humidity                    | 10% ~ 90% (without condensation)     |
| Packaging                   |                                      |
| In the Box                  | AC Adapter and Manual                |
| Carton Size                 | 320mm x 480 mm x 460mm               |
| Gross Weight(kg)            | 9.5Kg                                |
| Certifications and Warranty |                                      |
| Certifications              | CE, ROHS, FCC, CCC                   |
| Warranty                    | 1 year (Extended Warranty Available) |

### Accesorios:

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9.7" Customer LCD  
Customer Display  
PTE0105-M10



USB Magnetic Stripe  
Reader 3 Tracks  
PTE0105-MSR

