



3nStar PTE0110

All-in-One Fanless POS System

The 3nStar All-In-One POS System isn't just physically tough, it will also handle your most demanding applications, ensuring that whatever you need to do gets done quickly and efficiently.

It is spill and dust resistant allowing you to deliver a stylish and engaging experience to your customers with the modern, versatile 3nStar PTE0110 Retail System.



Features

- 15" 10 Point Capacitive Multitouch Display provides brighter video and more sensitive touch.
- Industrial Mother Board Intel Celeron J4125 Quad-Core CPU 2.0GHz.: Stable, efficient and reliable.
- Features 4GB RAM Expandable up to 8GB.
- Solid Stage 120GB Hard Drive Expandable to 1T.
- Optional Dual Band 802.11ac, a/b/g, n Wi-fi: Connect effortlessly in a world without wires.
- Optional Bluetooth 4.0: Easy pairing with all your devices (BT Scanners, Mobile Printers, keyboard).
- Rich I/O: 6 USB and 2 RS232 Serial Ports
- Optional Customer Display VFD 2*20 or 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 Operating systems: Windows and Linux.

Physical

Dimensions	400m x 360m x 210m
Weight	6.3Kg
Construction	ABS Plastic and Galvanized Steel
Color	Silvery around the body

Performance

CPU	Intel Celeron J4125 Quad Core 2.0GHz
Memory	4GB RAM Expandable up to 8GB
Storage	120 GB SSD (mSATA)
Operating system	OS OPTIONAL: Compatible with most versions of Windows and Linux

Connectivity

Wi-Fi	(Optional) Dual Band 802.11ac, a/b/g, n
Bluetooth	(Optional) 4.0
Ethernet	10/100/1000M RJ45
USB	6 Ports
USB Dedicated	1 Port for MSR
RS232	2 RS232 DB9
Keyboard	None
VGA output	1 Port
Audio output	3.5mm earphone
Audio Input	Microphone (Combo 3.5")

Touch Panel

Touchscreen type	10 Points Capacitive
Transmittance	>95%
Touch timesx	>50,000,000

Monitor

Resolution	LED 1024 * 768
Pixel	0.297(V)×0.297(H)mm
Brightness(Typical)"	400 cd/m ²
Contrast Ratio""	800:1 (Typ)450:1 (Min)
Response Time	16ms
Viewing Angle""""""	150°/140°
Color Support	16.2M
Hor. Frequency	60KHz
Ver. Frequency	78Hz
Bandwidth	60Hz
Life time	>50,000 hours

Electrical

Adapter Output	DC 12V, 7A
Adapter Input	AC 100-240V, 50-60HZ
Certiycations	CE, ROHS, FCC, CCC

Environmental

Operating Temperature 0°C to 50°C

Storage Temperature -20°C to 60°C

Humidity 10% to 90%

Sealing IP45 Construction

Packaging

In the Box AC Adapter and Manual

Carton Size 380mm x 480 mm x 460mm

Gross Weight(kg) 9Kg.

Options

2nd. Monitor 9.7" LCD

Customer Display 2*20 VFD Customer Display

Accessories 3 Tracks MSR

Warranty 1 year



www.3nstar.com

9.7" Customer LCD Display

PTE0105-M10



Physical

Color	Silvery around the body
Gross Weight	2.1 Kg.

Display

Screen Size	9.7"
Resolution	1024 * 768
Pixel	0.192 (H) x 0.192 (V)
Viewing Angle	178°/178°
Color Support	16.7M
Interface	VGA Mini D-Sub 15-Pin
Pixel configuration	R.G.B. vertical stripe
Display mode	Normally Black
Surface treatment (Up Polarizer)	Anti glare (3H)
Active area (mm)	196.61 (W) x 147.46 (H)
LED numbers	36
Warranty	1 Year (Extended Warranty Available)



USB Magnetic Stripe Reader

3 Tracks

PTE0105-MSR



Physical	
Color	Silvery
Features	
Interface	USB
Indicators	Buzzer
Compatibility	PTE0105, PTE0110, PTE0205, PTE0206
Track 1	76 characters
Track 2	104 characters or 37 characters
Track 3	104 characters
Magnetic head lifespan	500,000 swipes
Swipe speed	10 to 120cm/second
Swipe	Bi-directional
Magnetic standard	ISO 7810, 7811-1 ~ 5, IBM
Electrical	
Working voltage	5V DC, $\pm 10\%$
Environmental	
Operation	-20 to 65°C
Storage	-40 to 85°C
Humidity	10% ~ 90% non-condensing

