Poindus
COMPAL GROUP

VariPOS 250A/270A

Scalability, Flexibility and Simplicity.
(Flex Beyond Limits.)



reddot winner 2020

Features

- Intel® Alder Lake 12th Gen. Core i3/i5 CPU and Celeron CPU.
- True flat 15” 4:3 LCD, 400 nits / 17” 5:4 LCD, 400 nits with front bezel IP66 protection.
- Dual Hinged Stand for Maximum Flexibility (Supports Any Angle from Flat / Low Profile to upright 90°) .
- Secure Base attachment (75 x 75) to surface.
- Hidden Cable Management channels organize & reduce clutter when connecting accessory cables.
- Extendable I/O capability to meet any project specification (Optional).
- Peripheral compatibility across the whole VariPOS 2 Series: 2D Scanner, RFID, MSR, iButton & Fingerprint.

Intel Core CPU

Dual Hinged Stand

Die-Cast Aluminum Casing

IP66 Spill Proof

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Sleek Display, Smart Integration.

Bright, Precise, Impactful.

- 15” 4:3 / 17" 5:4 display for stunning clarity.
- 400 nits brightness for optimal visibility.
- Responsive PCAP multi-touch screen.
- IP66 protection on Front Panel.



Dual-Hinge Design

Maximum Flexibility and Stability

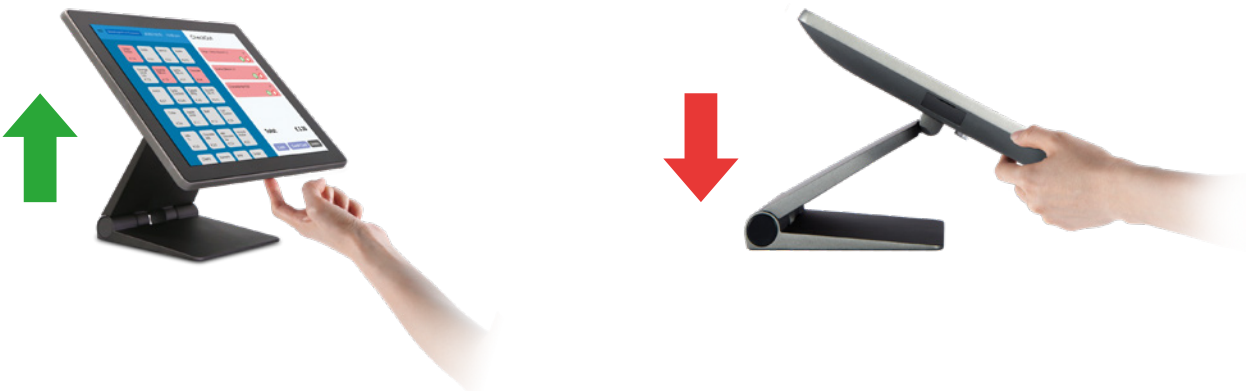
- Extreme tilt range from fully flat to upright 90° for optimal viewing angles.
- Fold-flat capability for streamlined storage and space efficiency.
- Secure base ensures reliable daily operation.





Lift Lightly, Press with Control

Easily adjusted upwards with light pressure, yet requires deliberate force to lower, ensuring a stable and secure platform.



Adaptive Viewing

Versatile Display Adjustment for Improved Usability

- Tiltable main display for adjustable viewing angles.
- Triple-hinge 10.1” 2nd display for greater environment compatibility.
- Tilt, swivel, and height flexibility for optimal viewing.



VariPOS 250A







VariPOS 270A







SoftPOS Payment Support

Empowering Transactions with Smart 2nd Display

- 10.1” 2nd display for interactive payment.
- Supports Windows-compatible SoftPOS with NFC payment.
- Simplifies checkout and enhances experience.



Design & Space Efficiency

Compact & Clutter-Free

- Compact footprint optimized for tight counter spaces.
- Integrated hidden cable routing for clean installation.
- Clutter-free workspace enhances usability and aesthetics.



Extended connectivity & functionality

VariIO I/O Box Expansion for Scalability

- Extend connectivity, with additional LAN, COM & Powered USB connectivity.
- VariIO I/O Box is customizable to meet project connectivity requirements.
- Connected via a single custom high-speed USB Type C connector to maintain high I/O transfer rates.
- During maintenance VariIO I/O Box and peripherals can remain in place simply by disconnecting a single cable.



Peripherals

Full Range of Peripherals for Tailored Deployments

- Modular 2nd display options for flexible configuration.Plus a range of Full Size Customer Displays.
- Adaptable designs to fit diverse requirements.



▲ 2nd display 10.1"



▲ 2×20 LCM



▲ fingerprint



▲ Barcode Scanner



▲ iButton



▲ RFID



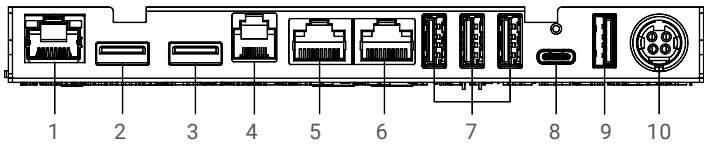
▲ MSR

Technical Specifications

System Information	**PE24** Intel® Elkhart Lake Celeron **PE26** Intel® Alder Lake-P, U-Platform - Core i5 up to 4.4 GHz - Core i3 up to 4.4 GHz **System Memory** - PE24 : 1 x SO-DIMM DDR4 slot, 8GB RAM as standard. Max. memory support up to 16GB - PE26 : 1 x SO-DIMM DDR5 slot, 8GB RAM as standard. Max. memory support up to 32GB **Intel® AMT** i5 CPU **TPM** Intel® F/W TPM 2.0
Display & Touch	- 15" 4:3 LCD, resolution 1024x768 (VariPOS 250A) - 17" 5:4 LCD, resolution 1280x1024 (VariPOS 270A) - 400cd / m², LED backlight - 10-point PCAP multi-touch screen
Storage	1 x M.2 PCIe SSD or 1 x 2.5" SATA III SSD
Expansion	1 x M.2 E Key
Connectivity	- 3 x USB 2.0, 3 x USB 3.1 - 2 x RJ-48 COM Ports (Support DC+0/5/12V by BIOS setting, default is 0V) - 1 x Type C (DP+PD) - 1 x RJ45 Gigabit Ethernet support 10/100/1000M, WOL, PXE - 1 x RJ11 support DC+12V or 24V (default) port, support 2 cash drawers - 1 x 4-pin DIN with lock for DC-IN
VariIO I/O Box (Project Based)	- 1 x RJ11 support DC+12V or 24V (default) port, support 2 cash drawers - 1 x RJ45 Gigabit Ethernet - 2 x USB 3.0, 4 x USB 2.0 - 4 x RS-232 (Jumper setting, support DC+0/5/12V, default setting is 0V) - 2 x DC+12V Powered USB (Optional) - 1 x DC+24V Powered USB (Optional) - 1 x Type C
Audio	2 x 2W speaker
Power Requirement	- Input: 100 ~ 240Vac / 50 ~ 60Hz - Output: DC+19V, 65W AC to DC Adapter (PE24) - Output: DC+19V, 90W AC to DC Adapter (PE26) *PUSB will use 180W adaptor
Mechanical & Construction	- Front panel IP66 - Default color: Space Gray - System fan: Fanless operation - Weight (NW / GW): 5.0 Kgs / 7.0 Kgs (VariPOS 250A) - Weight (NW / GW): 7.1 Kgs / 9.6 Kgs (VariPOS 270A) - Dimension (W x H x D): 365.89 x 312.03 x 175.28mm (VariPOS 250A) - Dimension (W x H x D): 396.93 x 339.83 x 175.28mm (VariPOS 270A) - Mounting: Wall / Pole / VESA 75x75 - Construction: Die-casting aluminum with plastic covers
Environmental	- Operating temperature: 0°C ~ 40°C, 10% ~ 90% Relative Humidity, Non-condensing - Storage temperature: -20°C ~ 60°C, 10% ~90% Relative Humidity, Non-condensing
Certification	CE / FCC / LVD
OS Support	Windows 10 / 11 (64 bit), Linux (Ubuntu 22.04)
Optoinal Accessories	- 3-Track MSR, USB type - iButton reader, USB type - RFID reader, 13.56MHz, USB type - Fingerprint reader, USB type - 2D scanner, USB type - 2 x 20 character LCM - 10.1" Resolution 1280 x 800 (16:10 wide screen) USB Type. Support NFC 13.56 MHz, ISO 14443 A / B, ISO 15693, ISO 18092, FeliCa with or without True-flat P-cap 10 point Multi-touch

Panel PC IO Interface

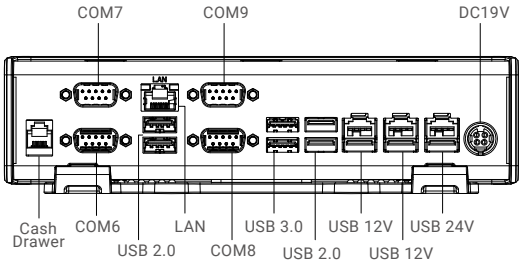
VariPOS 250A/270A (Elkhart Lake-PE24 / Alder Lake-PE26)



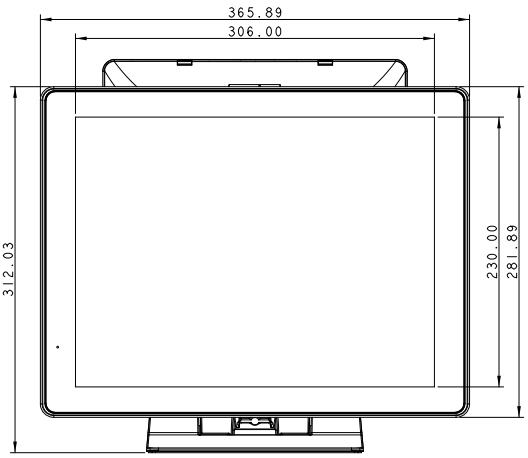
1. LAN
2. USB 3.0
3. USB 3.0
4. Cash Drawer
5. COM2
6. COM1
7. USB 2.0
8. USB Type C
9. USB 3.0
10. DC 19V

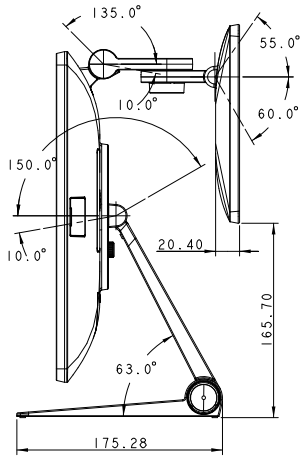
VariIO I/O Box

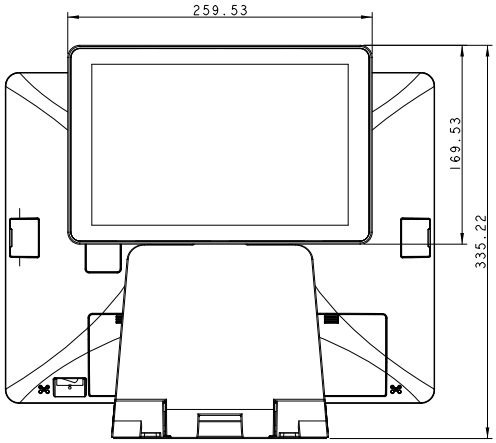
(PE19)

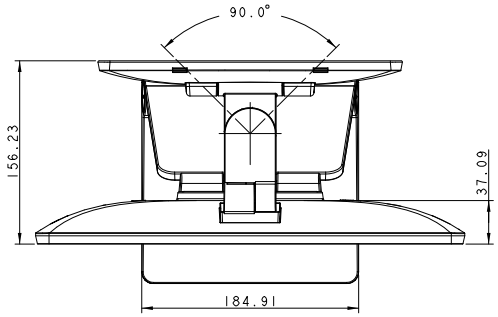


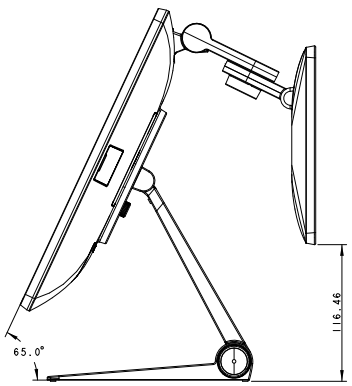
VariPOS 250A Dimension

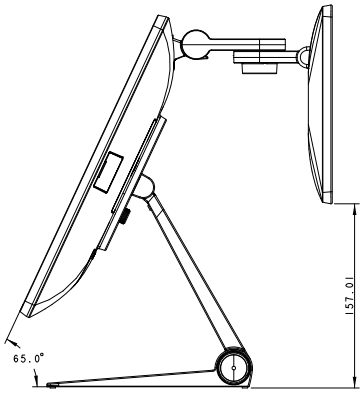


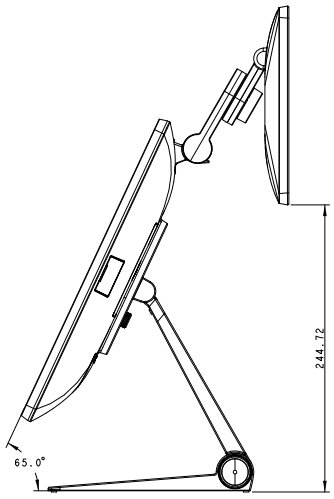




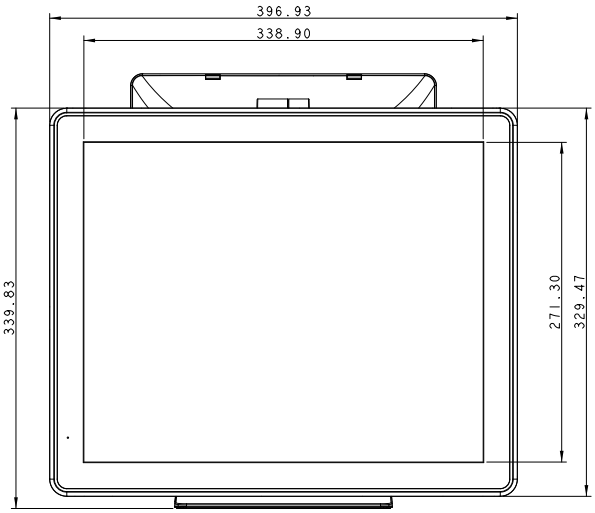


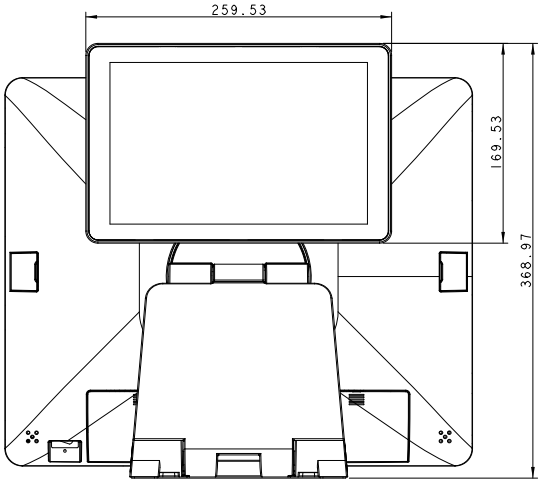


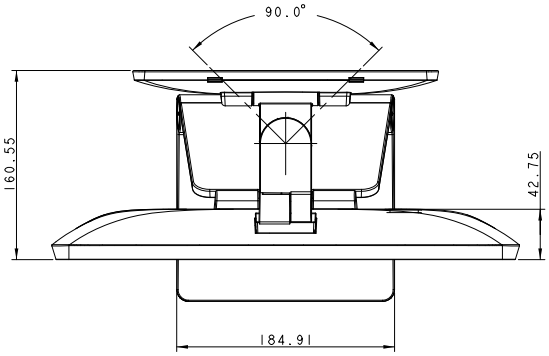


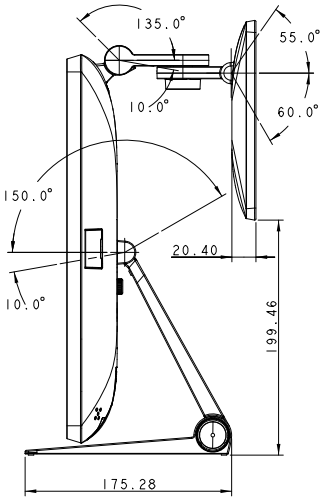


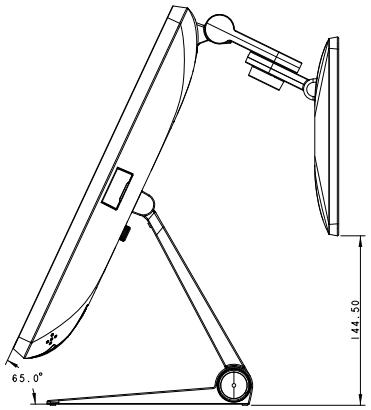
VariPOS 270A Dimension

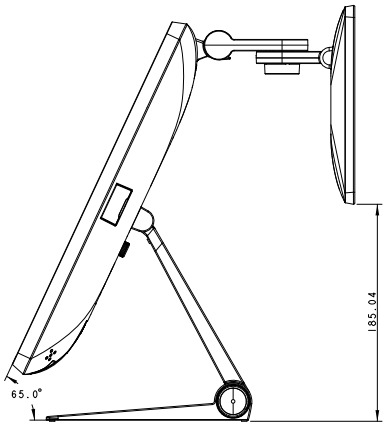


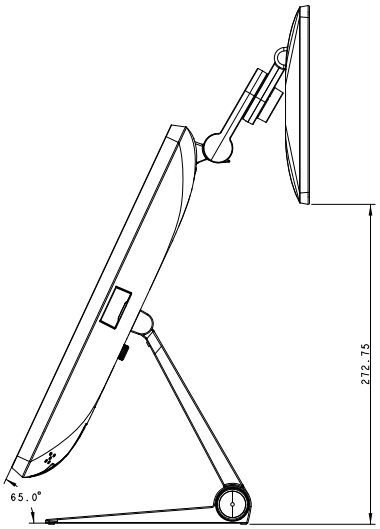












Unit: mm

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