

Poindus  
COMPAL GROUP

# VariPOS

Simplify Operation,  
Level up Business

250/270





\* 2 x SATA III (2.5") - Option

## Features

### Powered USB Connection

The VarilIO I/O Box provides the connectivity expected from a high performance POS terminal including a Powered USB option for all your retail peripherals. (\*excludes J1900)

### RAID Redundancy

RAID implementation allows improved performance and redundancy giving your solution the fault tolerance and resiliency to avoid downtime. (\*excludes J1900/J6412)



## Patented Double Hinged 2<sup>nd</sup> Display

The 10.1" 2<sup>nd</sup> Display allows optimal positioning with the highly flexible double hinged design and dual mounting points allowing you to communicate directly with the customer at the Point Of Sale.



## Tangible Service Benefits

Modularized Quick Service Design significantly reduces engineer onsite visit time for upgrades, replacements and regular service schedules.

# Detailed Features



- Wide range of CPUs from J1900/J6412 to high performance desktop Celeron, Core i3/i5
- Intel AMT & Intel TPM Technology (i5 only)
- True flat 15" 4:3 LCD, 400 nits / 17" 5:4 LCD, 400 nits (LED backlight) with IP66 protection.
- RAID 0/1 function with dual SSD/HDD support (PE21 Option)
- Patented swivel arm with flexible height/tilt adjustment for 2nd display and dual (Left/Right) base mounting points
- Supports 2x12v, 1x24v Powered USB (PE21 Option/ PE20, PE24 by request)
- Ultra slim front panel with durable die-cast Aluminum chassis; built to last
- Redefines serviceability from design with easy access & quick swap modular design for Display, MB Box & SSD/HDD
- Peripheral compatibility across the whole VariPOS 2xx series: LCM, 10.1" 2nd display with patented double hinge, VESA Bracket, MSR, iButton, Fingerprint, RFID, Scanner

# Ordering Information

## VariPOS 250/270

### PE20

- VariPOS 250/270-J1900

Intel® Celeron® J1900 2.42 GHz CPU

### PE21

- VariPOS 250/270-i5-6500TE
- VariPOS 250/270-i3-6100TE
- VariPOS 250/270-Celeron-G3900TE

Intel® Sky Lake Core™ i5-6500TE 3.30 GHz CPU  
Intel® Sky Lake Core™ i3-6100TE 2.70 GHz CPU  
Intel® Sky Lake Celeron® G3900TE 2.30 GHz CPU

### PE24

- VariPOS 250/270 Celeron J6412

Intel® Elkhart Lake Celeron®J6412 2.60GHz CPU



Multi-touch Screen



Dual Hinged Stand



Quick & Easy Maintenance



Extendable VariIO I/O Box  
Custom Type C connector



RAID Function (PE21)



# Specification

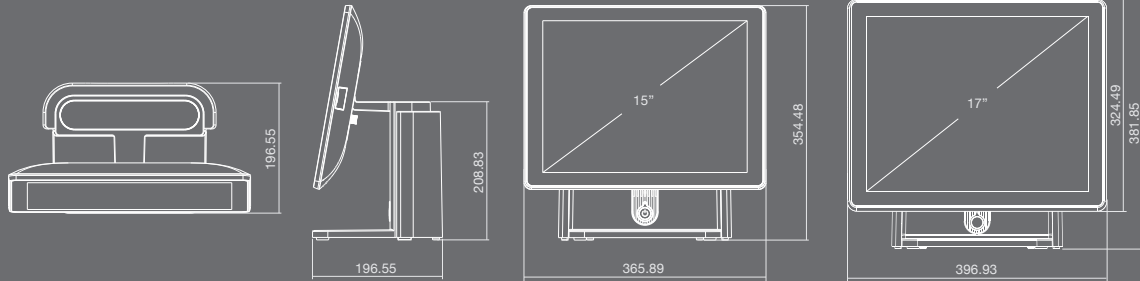
Model Name		• VariPOS 250 / 270 (PE20)	• VariPOS 250 / 270 (PE21)	• VariPOS 250 / 270 (PE24)
Main Board	Processor	Intel® Celeron® Processor J1900	Intel® Core™ i5-6500TE Intel® Core™ i3-6100TE Intel® Celeron® G3900TE	Intel® Celeron® J6412
	Chipset	CPU Integrated	Q170 / H110	CPU Integrated
	System Memory	1 x SO-DIMM DDR3L slot, 4GB RAM as standard. Max. memory support up to 8GB	1 x SO-DIMM DDR4 slot, 4GB RAM as standard. Max. memory support up to 16GB	
	TPM	N/A	Intel F/W	
	Intel AMT	N/A	only i5 w/Q170 Chipset	N/A
Display & Touch	LCD Size	15" - 4:3 / 17" - 5:4 TFT LCD (LED backlight)		
	Brightness	15" / 17" - 400 nits		
	Resolution	15" - 1024 x 768 (4:3) / 17" -1280 x 1024 (5:4)		
	Touch	True Flat Projected Capacitive Technology		
Storage	HDD/SSD	1 x SATA II (2.5")	1 x SATA III (2.5")	1 x SATA III (2.5") or M.2 Storage
	RAID Function	N/A	Q170 chipset support RAID 0/1	N/A
I/O & Expansion	DC Input	1 x Mini Din 4P (DC +19V only)		
	Cash Drawer	1 x RJ-11 (Support DC +12V or +24V (default)) port supports 2 cash drawers		
	LAN port	1 x Gigabit Ethernet by RJ-45	1 x Intel Gigabit Ethernet by RJ-45	1 x Gigabit Ethernet by RJ-45
	USB port	2 x USB 2.0, 4 x USB 3.0		3 x USB 2.0, 3 x USB 3.1
	PUSB Port (Option)	2 x 12v Powered USB, 1 x 24v Powered USB		
	COM port	3 x RS-232(COM1/2:DB-9, COM3:RJ-48) w/DC 0V/+5V/+12V, Selectable by BIOS (default setting is DC 0V)	3x COM (COM1/2: RJ48 support DC+0/5/12v by BIOS setting, default setting is 0v. COM3: DB-9)	
	VGA port	1 x DB-15 w/DC +12V. Power enables by BIOS setting (default is Disable)		
	Bus Expansion	1 x Mini-PCI-E Slot		1 x M.2
	Power Switch	1 x power on/off button		
	Speaker	HD Audio, 2W Speaker x 2		
	Type C	N/A		1 x Type C (PD + DP)
Powered USB	PUSB Port (Option)	N/A		2 x DC+12v Powered USB 1 x DC+24v Powered USB
OS Support		Win10 IoT, Win7	Windows 10 (64bit) / Windows 11 (64bit)	
Power Adapter ( External adapter )		External adapter, DC Model : 65 Watts, Voltage:+19VDC 3.42 Amax	External adapter, DC Model : Voltage:+19VDC, Std. 90watt. (*w/PUSB will use 180watt adaptor)	DC+19V, 65watt adaptor (*w/PUSB will use 180watt adaptor)
Compliance	Certifications	CE, FCC, LVD, RoHS		
	Protection	IP 66 on front panel		
Material		Main Unit: Die-Cast Aluminum; I/O Cover:Plastic		
Color		Main Unit: Space Gray / Black, Space Gray / White		
Dimension ( W x H x D mm )		357.7 x 325.03 x 196.55 mm		
Environmental Condition	Operating	0°C ~ 40°C, 10% ~ 90% RH, non-condensing		
	Storage	-20°C ~ 60°C, 10% ~ 90% RH, non-condensing		



Model Name		VariPOS 250 / 270 (PE20)	VariPOS 250 / 270 (PE21)	VariPOS 250 / 270 (PE24)
Optional Accessories	2nd Display	10.1" Resolution 1280 x 800 (16:10 wide screen) USB Type, with or without True-flat P-cap 10 point Multi-touch		
	VESA Bracket	Supports Display M series		
	Customer Display (LCM)	2x20 USB Type		
	MSR	ISO 3-Tracks Slim MSR, USB Type		
	iButton	Dallas Key Reader, USB Type		
	RFID	13.56Mhz, USB Type		
	Fingerprint Scanner	DigitalPersona, USB Type		
Carton		L 460 x W 300 x H 510 mm		

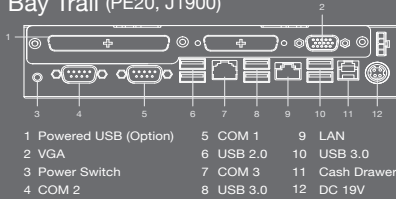
\* The right has been reserved to change the specification without prior notice.

## Dimensions

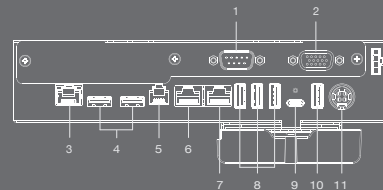


## Panel PC IO Interface

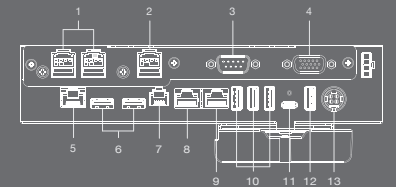
### Bay Trail (PE20, J1900)



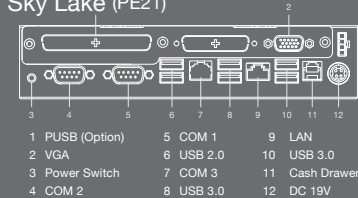
### Elkhart Lake (PE24, J6412)



### Elkhart Lake - PUSB (PE24, J6412, option)



### Sky Lake (PE21)





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