

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 2nd Display

The 10.1" 2nd 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)



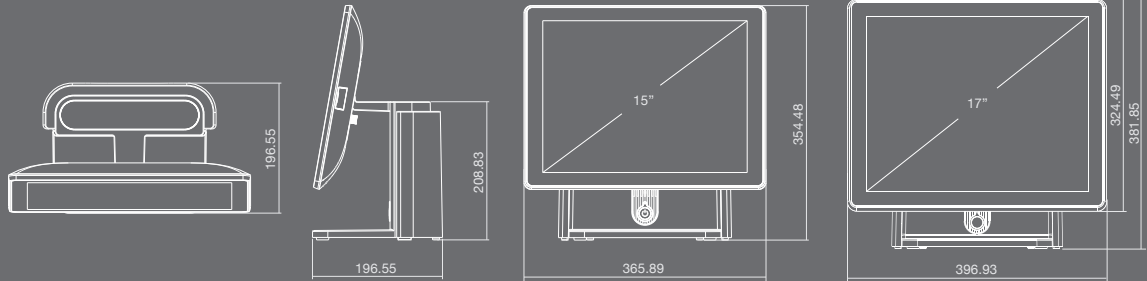
Specification

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		

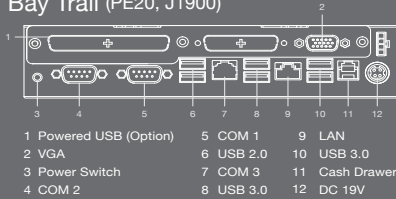
* The right has been reserved to change the specification without prior notice.

Dimensions

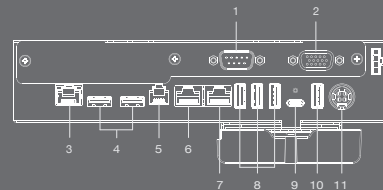


Panel PC IO Interface

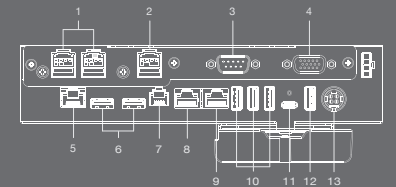
Bay Trail (PE20, J1900)



Elkhart Lake (PE24, J6412)



Elkhart Lake - PUSB (PE24, J6412, option)



Sky Lake (PE21)

