



Features

- 15" all-in-one panel PC style with bezel-free touch display
- Intel® 7th Gen. Kabylake ultra low power processors
- A fanless thermal solution helps ensure system reliability
- Tool-free interchangeable I/O extension board
- IP64 water & dust-proof front panel protection
- 5V/12V DC powered COM with jumper-less BIOS setting
- Optional peripherals include: VFD & 8"/10.4" customer display, 1D & 2D barcode scanner, MSR, iButton, RFID, fingerprint reader

Specification



Model		Ares755	
Display	LCD Display Size	15" TFT LCD	
	Max. Resolution	1024 X 768	
	Brightness /Support Color	350 cd/m ² , 16.7M colors	
	Backlight	LED	
Touch Panel	Type	Five-wire analog resistive type or projected capacitive touch	
Processor	CPU/ Chipset	Intel® Core™ i7-7500U (Dual Core 4M Cache, up to 3.50 GHz)	
		Intel® Core™ i5-7200U (Dual Core 3M Cache, up to 3.10 GHz)	
		Intel® Core™ i3-7100U (Dual Core 3M Cache, up to 2.40 GHz)	
		Intel® Celeron 3965U (Dual Core 2MB Cache, up to 2.20GHz)	
Memory		X 1 (DDR4-2133MHz SO-DIMM, up to 16GB)	
Storage		X 1 (2.5" SATAIII HDD or SSD) / X 1 M.2 (Support 2242 & 2280) (SSD)	
I/O Connectors	USB 3.0	X 4	
	Powered COM	X 3 (RJ45 x 1 with DC 5V/12V selectable)	
	Cash Drawer Port	X 1 (12V/24V RJ11 cash drawer port)	
	VGA	X 1	
	LAN	X 1 (RJ45, 10/100/1000 Base-T)	
I/O Expansion	Type C	X 1 24V Powered USB, X 2 USB 2.0, X 1 Mic-in, X 1 Line-out	
	Type E	X 4 USB2.0, X 1 COM (RJ45 with DC 5V/12V selectable)	
Optional Peripherals		VFD / 8"/10.4" second display / MSR / iButton / RFID / fingerprint reader / 1D/2D barcode scanner / WiFi	
Power Supply		90W or 150W 19V lockable 3-pin DC input power adapter	
OS Support		Linux / Win 10 IoT Enterprise	
Environment	Temperature	Operation	32° to 95° F (0° to 35° C)
		Storage	-4° to 140° F (-20° to 60° C)
	Relative Humidity		20% to 80% non-condensing
Dimension (W x H x D)		374 X 356 X 207 mm	

Specifications subject to change without notice.



All-in-one panel PC style with ultra-slim design



Sleek aluminum chassis and small footprint



IP64 water & dust-proof front panel protection



Easy access 2.5" HDD for installation and maintenance



Support of industrial standard VESA mounting

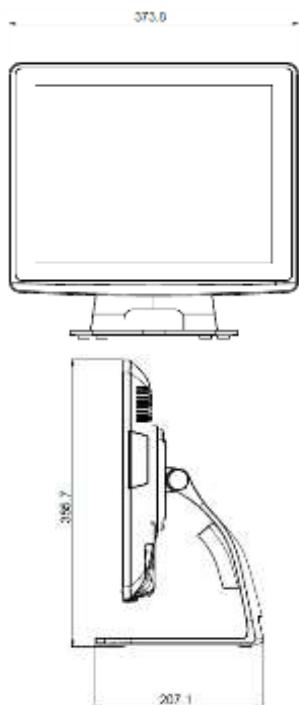


Optional VFD & 8"/10.4" customer display



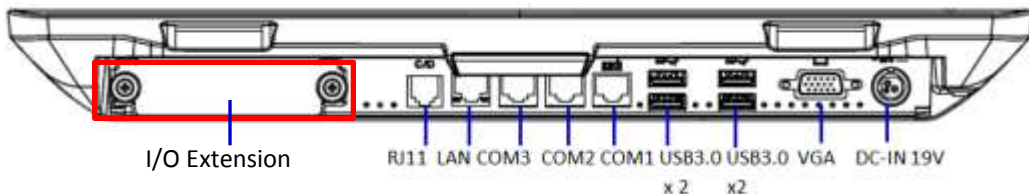
Various modular peripheral options

Mechanical Layout / Drawing



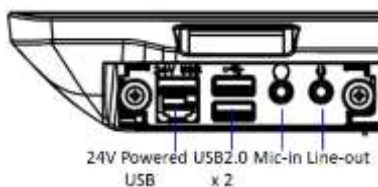
Unit: mm

I/O Interface



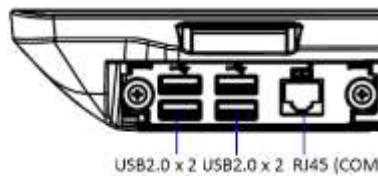
I/O Extension

I/O Extension Drawing



24V Powered USB, USB2.0 x2, Mic-in, Line-out

Type C



USB2.0 x2, USB2.0 x2, RI45 (COM)

Type E