

Ares650

High performance All-in-One POS Terminal –15" panel PC style with aluminum enclosure



Features

- Power efficient Intel® Celeron J1900 quad-core 2GHz processor
- Ultra-slim display, sleek design and small footprint
- Aluminum chassis with fanless and vent-free design
- 15" Bezel-free true-flat touch display
- IP64 water and dust proof front panel
- Tool-free interchangeable I/O expansion board
- 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
- Optional built-in UPS allows up to 30 minutes operation

Specification

Model		Ares650	
Display	LCD Display Size	15" TFT LCD	
	Max. Resolution	1024 X 768	
	Brightness / Support Color	350 cd/m ² , 16.2M/ 262K colors	
	Backlight	LED	
Touch Panel	Type	Five-wire analog resistive type or projected capacitive touch	
Processor	CPU / Chipset	Intel® Celeron J1900 QC 2.0GHz	
Memory		X 1 (DDR3L 1333MHz SO-DIMM, up to 8GB)	
Storage		X 1 2.5" SATAII HDD x 1/ X 1 M.2 (2242) (SSD)	
I/O Connectors	USB 3.0	X 1	
	USB 2.0	X 3	
	Powered COM	X 4 (RJ45 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 A	X 2 USB2.0, X 1 UPS connector, X 1 Line-out	
	Type B (PCAP only)	X 1 (RJ45 with DC 5V/12V selectable), X 1 UPS connector, X 1 Line-out	
	Type C	X 2 USB 2.0, X 1 24V Powered USB , X 1 Mic-in, X 1 Line-out	
	Type D	X 1 Standard Parallel	
Optional Peripherals		VFD / 8"/10.4" second display / MSR / iButton / RFID / Fingerprint reader / 1D/2D barcode scanner	
Power Supply		60W, 90W or 150W 19V power adapter	
OS Support		POSReady 7 / Windows Embedded 8.1 Industry Pro / 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 340 X 268 mm

Specifications subject to change without notice.

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



Vents-free & fanless design



IP64 water & dust-proof front panel protection



Easy access 2.5" HDD for installation and maintenance



Support of industrial standard VESA mounting

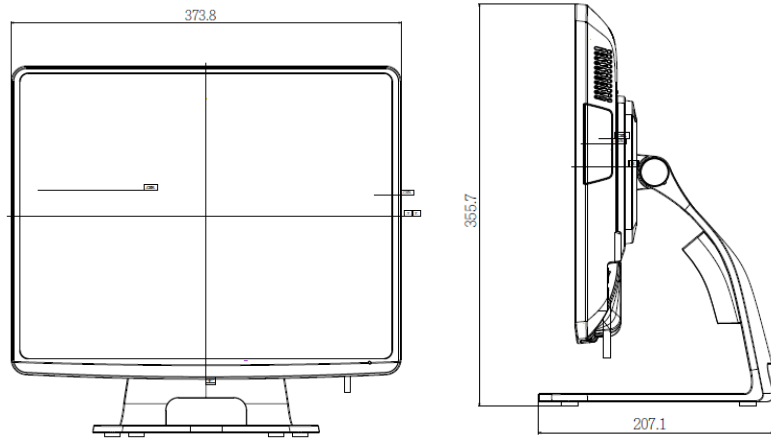


Optional VFD & 8"/10.4" customer display

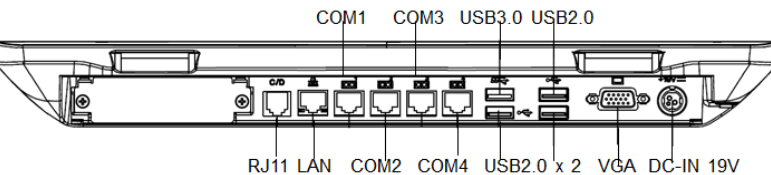


Various options of peripherals

Mechanical Layout / Drawing



I/O Interface



I/O Extension

Unit: mm

