

Preliminary

UPOS-510 Series

15" 4:3 Modularized POS System

UPOS-510D with Intel® J1900 Processor

UPOS-510F with Intel® Core i3/i5/Celeron Processor



Features

- 15.1" TFT display in LED backlight.
- Flat and borderless front PCAP touch panel design.
- Fanless design for quiet operation.
- Aluminum alloy tower of stand provide the reliable system and able to deploy in small space.
- Clean cable and screwless back design
- Reserved display hatched for peripheral requirement



Introduction

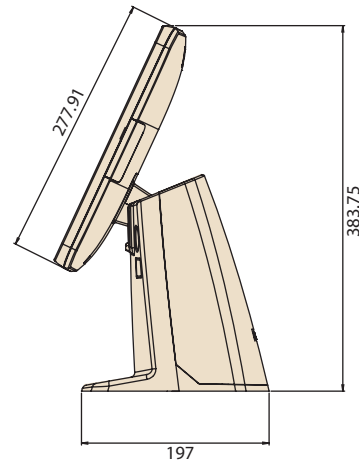
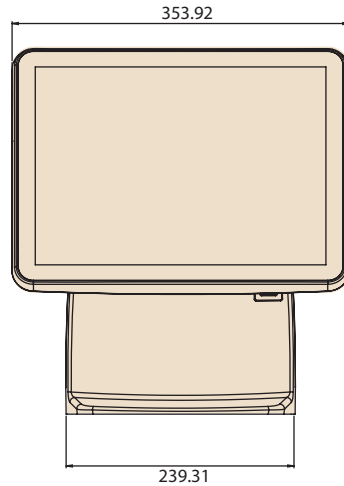
UPOS series is a modern and sleek industrial Point of Sales system. Borderless front touch panel maximizes the viewing area. Aluminum alloy coating stand provides secured support to the display. Small footprint enables the system to be deployed in limited-space scenarios. Snap-in back cover allows quick access to the system and easy maintenance. Front display reserved hatches on the top and both sides, varying the needs to expand peripheral applications.

Specifications

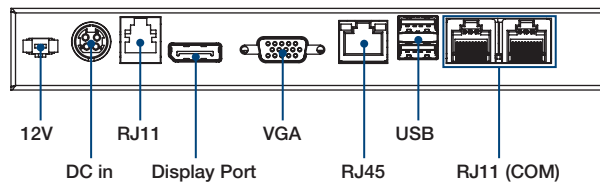
System	Model	510D	510F
	CPU	Intel® Celeron® J1900 processor	Intel® Celeron® 3955U/Core™ i5-6300U/Core™ i3-6100U
	System Memory	SODIMM x1 (Maximum up to 8GB DDR3L)	SO DIMM x1 (Maximum up to 16GB DDR4-2133)
Storage	HDD	1 x 2.5" SATA HDD/SSD Bay	1 x 2.5" SATA HDD/SSD Bay(optional 2nd SATA3)
	SATA	SATA II (3.0Gb/s)	SATA III (6.0Gb/s)
	Expansion	1 x Full-size mini PCIe (for mSATA/Wi-Fi/BT)	
Display	Resolution	15" TFT LCD (1024 x 768) with LED backlight	
	Brightness	250 cd/ m ²	
	Touch Screen	P-Cap Touch	
External I/O	Serial Port	2 x COM (RJ48 with 5V/12V selectable by internal jumper, 1A)	
	USB Port	1 x USB in front	1 x USB in front
		2 x USB in IO bay(USB2.0 x1, USB 3.0 x1)	2 x USB3.0 in IO bay
	Video Output	1 x VGA1 Port (DSUB-15)	
		1 x Display Port (Reserved for BOX PC)	
	Ethernet	1 x RJ-45 Gigabit Ethernet(10/100/1000)	
	Cash Drawer	1 x RJ11 (12V Default /24V by internal jumper)	
	DC In	4 pin power jack	
	DC Out	12V 2-pin connector for 2nd display	
	Speaker	1 x 2W speakers	
	Power Button	Power Switch (LED indicator inside)	
	Display Hatch (Top)	VGA for second display	
	Display Hatch (Right)	PS/2 + USB	
Optional Modules	Display Hatch (Left)	Reserved	
	Adapter	60W	84W
	Second Display	Supports 10.1" TFT LCD/VFD via display hatch (top)	
		Supports 15" TFT LCD via rear pole mount	
	Peripherals	MSR / MSR + iButton / MSR + Fingerprint / MSR + RFID / MSR + IC card	
Mechanical & Environmental	Connectivity	WiFi (802.11 b/g/n) or Bluetooth	
	Color	Black / White / Black+Orange	
	Operating Temperature	0 ~ 40 °C (32 ~ 104 °F)	
	Humidity	10 ~ 95% @ 40 °C, non-condensing	
	Dimensions & Weight (D x W x H)	Metric: 460 x 300 x 480 mm / 6.5 kg	
		US: 18.11" x 11.81" x 18.9" / 14.33 lb	
Software	Certifications	CE/FCC/CCC	
	OS Support	Win 10 IoT Enterprise/Win 7/POSReady 7	

Dimensions

Unit: mm



I/O View



Order Information

Part Number	Description
UPOS-510DP-AST00	Baytrail J1900, P-cap touch, 4G DDR3 RAM, USB x3, COM x2, Black
UPOS-510DP-WST00	Baytrail J1900, P-cap touch, 4G DDR3 RAM, USB x3, COM x2, White
UPOS-510DP-AST01	Baytrail J1900, P-cap touch, 4G DDR3 RAM, USB x3, COM x2,BK, 500G HD
UPOS-510DP-AST02	Baytrail J1900, P-cap touch, 4G DDR3 RAM, USB x3, COM x2,BK, 64G SSD
UPOS-510FP-ACL00	Skylake Celeron 3955U, P-cap touch, 4G DDR4 RAM, USB x3, COM x2, Black
UPOS-510FP-ACL01	Skylake Celeron 3955U, P-cap touch, 4G DDR4 RAM, USB x3, COM x2, BK, 500G HD
UPOS-510FP-AI300	Skylake i3-6100U, P-cap touch, 4G DDR4 RAM, USB x3, COM x2, Black
UPOS-510FP-AI301	Skylake i3-6100U, P-cap touch, 4G DDR4 RAM, USB x3, COM x2, BK, 500G HD
UPOS-510FP-AI500	Skylake i5-6300U, P-cap touch, 4G DDR4 RAM, USB x3, COM x2, Black
UPOS-510FP-AI501	Skylake i5-6300U, P-cap touch, 4G DDR4 RAM, USB x3, COM x2, BK, 500G HD

Perherial for UPOS-510

Part Number	Description
UPOS-P01-A100	VFD display, H7cm, rear mount for UPOS-510/UPOS-520
UPOS-P02-A100	10.1" 2nd display, rear mount for UPOS-510/UPOS-520
UPOS-P02-A101	15" 2nd display, pole mount
UPOS-P03-A100	MSR, PS2 for UPOS-510/UPOS-520
UPOS-P03-A101	MSR, PS2+ibutton for UPOS-510/UPOS-520
UPOS-P03-A102	MSR, PS2+RFID for UPOS-510/UPOS-520
UPOS-P03-A103	MSR, PS2+fingerprint for UPOS-510/UPOS-520
UPOS-P03-A104	MSR, PS2+IC card for UPOS-510/UPOS-520
UPOS-P04-A000	Thermal printer, 3", USB for all UPOS series
UPOS-P05-A000	Handheld barcode scanner 1D for all UPOS series
UPOS-P05-A001	Handheld barcode scanner 2D for all UPOS series
UPOS-P06-A000	Cash drawer for all UPOS series