USC-250 Series

15" Ubiquitous Service Computer with Intel® Skylake Celeron 3955U / Core i3-6100U / i5-6300U

Features

- 15" TFT LCD (LED backlight) with PCAP Touch
- Built in Intel® Celeron 3955U/ Core i3-6100U/i5-6300U processor
- Innovation "LEGO" stand design enable adaptable configurations
- Stylish design with Avalo stand
- IP65-rated front panel for water and dust resistance
- Clear Cable Management
- Low power & fanless operation without heat ventilation holes
- Easy replacement and maintenance design
- Easy peripheral mount design integrated
- Rich I/O and peripherals for diverse applications

Microsoft Windows Embedded CCC UL CE FCC RoHS COMPLIANT 2002/95/EC

Introduction

The USC-250,a new addition to the Avalo family,is featuring extremely fast and powerful performance powered by the 6th generation Intel® processor. The USC-250 radiates in its new design – featuring an ultra-slim and sleek look that exhibits elegance. It is uncompromising to the space requirements and provides better cable management and easy maintenance. The USC-250 is taking service computer design into the next level, setting your brand image apart from the others.

Features Highlight

Innovative expendable design for flexible instillation

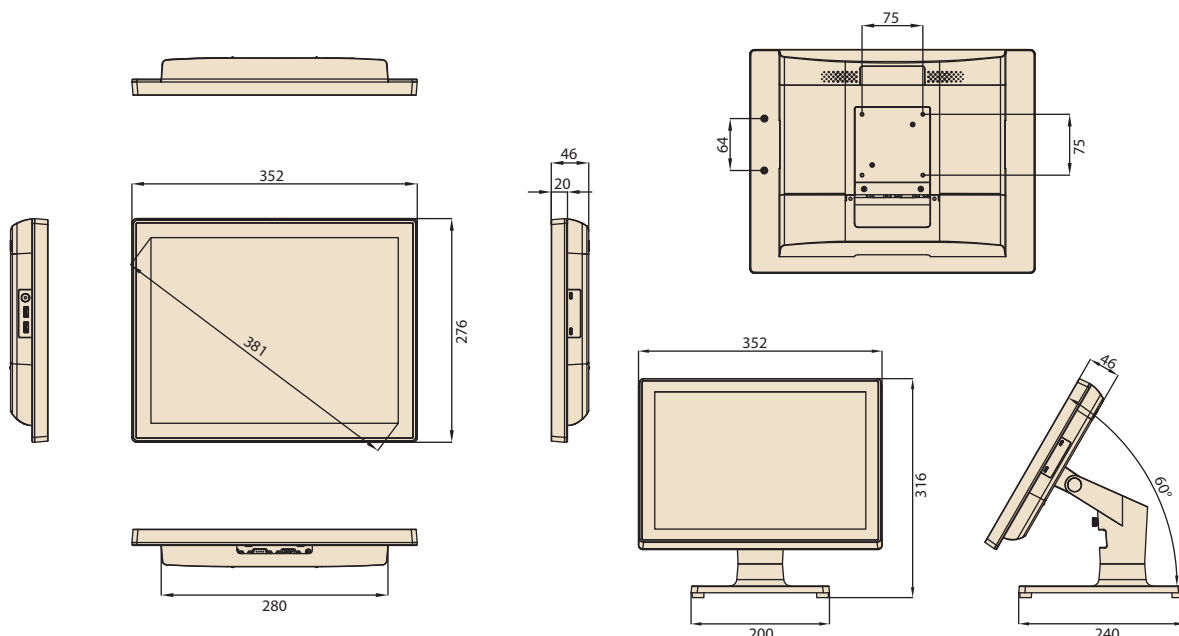Easy replacement and maintenance design

Adjustable 2nd display

Support Wall Mount&VESA mount

Specifications

Model	USC-250		
Processor	Skylake-U, i5-6300U/CORE i3-6100U/Celeron 3955U		
Memory	Technology	DDR4-2133	
	Max. Capacity	16G	
	Socket	1 x 260 pin SO-DIMM	
Storage	2 x M.2 SSD support RAID 0,1		
Panel	15" TFT LCD Display (1024 x 768), 300 cd/m2		
Touch Screen	Projected Capacitive Touch Panel (PCAP. Flat Glass)		
Bus Expansion	1 x M.2 Slot (for Wifi &BT)		
Audio	2 x 2W speaker installed. 1 x Line out		
Power Supply	84W power adapter		
Serial Port	2 x COM RS232 ports on I/O board via RJ-48 connector, no power 2 x COM RS232 ports on I/O board via DB9 connector,support 5V & 12V by order		
USB Port	External: 4 x USB 3.0, 2 x USB 2.0, 2 x Micro-USB (2 on right side); Internal: 2 x USB2.0		
Ethernet	2 x RJ-45 INTEL Gigabit Ethernet(10/100/1000)--I211AT,I219LM		
Display Output	1 x VGA		
Cash Drawer	1 x , control 2 CR via optional Y-cable, 24V default, 12V by order		
DC-In	12V		
DC- output	12V		
IPXX	IP65 front panel protection		
Dimension (W x H x D)	352(W) x 316(H) x 240(D)mm		
Weight	5.1KG (Net weight) / 7.4 KG (Gross weight)		
Operating Temp.	0 ~ 40° C		
Relative Humidity	10 ~ 90% @ 40° C		
Shock	10G peak acceleration (11ms duration)		
Vibration	5~500Hz 0.5Grms, random		
EMC / Safety	CE, CCC, UL, FCC, CB/LVD, VCCI, BSMI		
OS Support	POSReady 7, Windows 7 Pro, Windows 8.1 Pro (64-bit), Windows 10 IoT Enterprise, Linux Kernel 3.13 or above		

Dimensions

Unit: mm

Ordering Information

Part No.	Description
USC-250FP-BCL00	15", PCAP, 3955U, Barebone, W/O stand
USC-250FP-BI300	15", PCAP, i3-6100U, Barebone, W/O stand
USC-250FP-BCL30	15", PCAP, 3955U, 4G RAM, 64G SSD, W/ A stand
USC-250FP-BI330	15", PCAP, i3-6100U, 4G RAM, 64G SSD, W/ A stand
USC-250FP-BCL20	15", PCAP, 3955U, Barebone, W/ A stand
USC-250FP-BI320	15", PCAP, i3-6100U, Barebone, W/ A stand

POS Peripherals

Part No.	Description
USC-A-Stand-2	Avalo stand for 2nd display,black
USC-M3G-BST00	11.6" 2nd display, VESA mount,black
USC-P01-B110	VFD,Rear mount,black
UPOS-M15G-AST00	15" 4:3 monitor Glass HDMI VGA BK
USC-P03-B110	MSR, USB for USC Series, black
USC-P03-B112	ibutton, USB for USC Series, black
USC-P03-B113	RFID, USB for USC Series, black
UPOS-M10G-BST10	10.1" 2nd display, rear mount, black
UPOS-P07-A100	Double hinge stand,VESA75x75,Black

Installation Accessory

Part No.	Description
96CB-POWER-B-1.8M1	Power Cord (China) , 3P 1.8M, BK(CCC)
17AP164900518011	Power Cord CEE 7/16+C13 L1.8M (CE)
1700013977	Power Cord 10A 250V 3P 180/90 CCC 200cm (CCC)
1702002600	Power Cord 3P UL/CSA(USA) 125V 10A 1.83M 180D
1700020098	Power Cord 3P 10A 250V 183CM (Australian)
1702002605	Power Cord 2P FRANCE 10A/16A 220V 1.83M 90D (EU)
1700001714	Power Cord BSMI 3P 7A 125V 18AWG 180CM (BSMI)
1700000237	Power Cord 3P PSE 12A 125V 1.83M (Japan)
1700018704	Power Cord BSI 2P 10A 250V 180cm (UK)
1700025855-01	Power Cord ISI 3P 10A 250V 183cm (INDIA)

I/O Interface

2-Micro USB

2-USB2.0

SWITCH

12V DC IN 2-RJ45 VGA COM2 COM4 LINE OUT

4-USB3.0 12V DC OUT COM1 COM3 RJ11