

UPOS-211 Series

15" Ubiquitous POS Terminal
UPOS-211D with Intel® BayTrail J1900
UPOS-211F with Intel® Skylake Core i3 / i5 / Celeron



Features

- 15" TFT LCD (LED backlight) with 5 wire Resistive or PCAP Touch
- Built in Intel Baytrail J1900 or Skylake-U
- Stylish design with dual hinge, thinner boarder, slim screen
- Clear Cable Management
- Low power & fanless operation without heat ventilation holes
- Easy access to key components
- Easy peripheral mount design integrated
- Device Options: 2nd Display, MSR, VFD, RFID, Barcode Scanner
- Fully support WISE-PaaS/RMM



Introduction

UPOS-211 is an All-in-One POS System with 15" true-flat PCAP touch or 5 wire Resistive touch. It is with Intel Baytrail or Skylake-U processor, fanless design with quiet operation and energy saving. It features dual hinge design which provides the smallest footprint to save counter space and reduce shipment freight. It provides easy access to key components. UPOS-211 supports both Windows and Android OS, and the front panel is with IP65 design, supports water and dust resistance, specific designed for Mini market store, Food merchandise, Convenience store, Specialty store. UPOS-211 is with the most competitive cost, and energy effective platform built for retail and hospitality.

Features Highlight



Foldable design with dual hinge



Tilt motion, 0-90 °C Freestyle rotation

- 1xUSB port on backside w/ rubber cover
- Screwed bracket design for USB port to ensure data security (Optional)



Easy Access USB port

Easy Access to USB Port



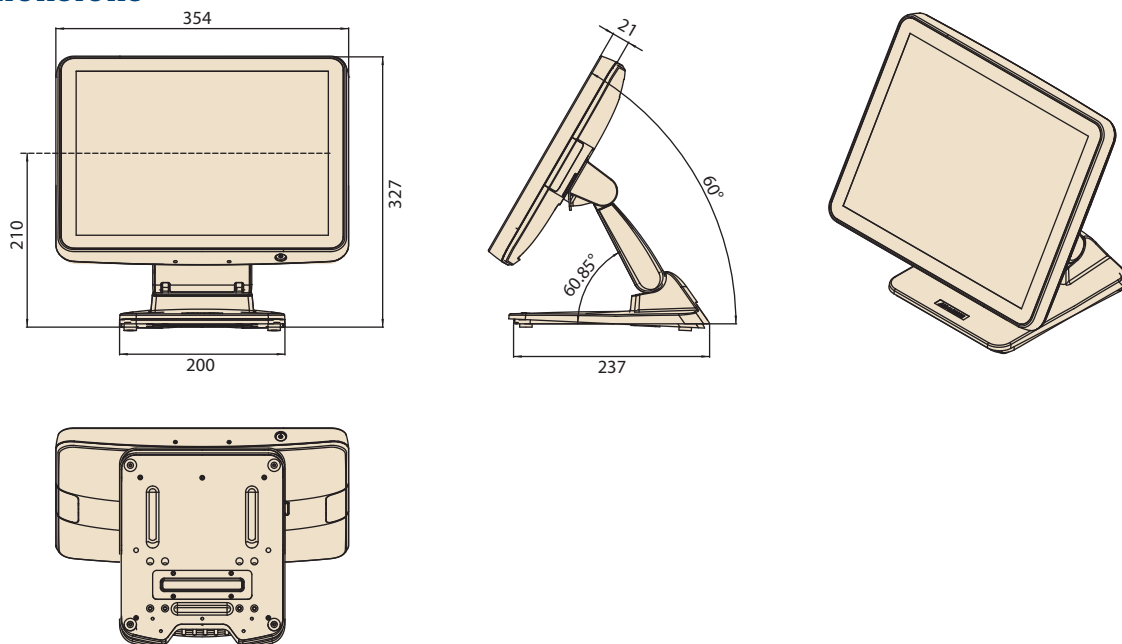
Wall Mount, via VESA mount kit

Specifications

Model	UPOS-211D		UPOS-211F
Processor	Intel Bay Trail Quad Core J1900, 2GHz up to 2.42GHz		Skylake-U, i5-6300U/CORE i3-6100U/Celeron 3955U
Memory	Technology	DDR3L-1333	DDR4-2133
	Max. Capacity	8G	16G
	Socket	1 x 204 pin SO-DIMM	1 x 260 pin SO-DIMM
Storage	1 x 2.5" SATA HDD/SSD connector, SATA2 (3.0Gb/S)		1 x 2.5" SATA HDD/SSD connector, SATA3 (6.0Gb/S)
Panel	15" TFT LCD Display (1024 x 768), 300 cd/m ²		
Touch Screen	15", Analog Resistive 5-wires (Res. Flat Glass) / Projected Capacitive Touch Panel (PCAP. Flat Glass) Light Transmission: Res. Touch 80% +/-5% / Pcap Touch 85%+/-3%		
Bus Expansion	1 x Mini PCIe (for Wifi or 3G), shared with mini SATA connector		
Audio	1 x 2W speaker installed. 1 x Line out & 1 x Mic in (Optional)		
Power Supply	60W power adapter		
Serial Port	2 x COM RS232 ports on I/O board via RJ-48 connector, COM1 / COM2 support 5V & 12V by order Internal: 4 x COM port, COM3 for 5W Res. touch, COM4, COM5 support 5V & 12V by order, COM6 no power		
USB Port	External: 2 x USB2.0; 1 x USB3.0; 5 x USB 2.0 ports (optional) Internal: 3 x USB2.0 (1x USB for PCAP touch)		External: 2 x USB3.0, 1 x USB2.0; 5 x USB2.0 (Optional) Internal: 3 x USB2.0 (1 x USB for PCAP touch)
Ethernet	LAN controller: Realtek RTL8111G-CG, 1x RJ-45 Gigabit Ethernet		LAN controller: Intel WGI219LM, 1x RJ-45 Gigabit Ethernet
Display Output	1 x VGA, 1 x DP		
Cash Drawer	1 x RJ11, cash drawer, 12V default, 24V by order		
PS2	1 x PS2 (optional)		
Parallel Port	1 x LPT (optional)		
IP65	IP65 front panel protection		
Dimension (W x H x D)	354(W) x 327(H) x 237(D)mm, Stand: 237 x 200 mm		
Weight	5.2KG (Net weight) / 6.9KG (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 Android 4.4 (UPOS-211D series supports Android; UPOS-211F series does not support Android)		

Dimensions

Unit: mm



Ordering Information

Part No.	Description
UPOS-211DP-BST40	15", PCAP, J1900, 4G RAM, 4COM, 5USB, W/Cable, Blk
UPOS-211DP-BST21	15", PCAP, J1900, 4G, 64G SSD, 4COM, 5USB, Blk
UPOS-211DR-BST21	15", Res, J1900, 4G, 64G SSD, 4COM, 5USB, Blk
UPOS-211DP-WST21	15", PCAP, J1900, 4G, 64G SSD, 4COM, 5USB, white
UPOS-211DP-BST00	15", PCAP, J1900, 4G, 64G SSD, 4COM, 5USB, no stand
UPOS-211FP-BST40	15", PCAP, i3-6100U, 4G RAM, 4COM, 5USB, W/Cable, Blk
UPOS-211FP-BI520	15", PCAP, i5-6300U, 4G, 64G SSD, 4COM, 5USB, Blk

POS 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)
URP-PT800-B401	80mm Thermal Printer, USB+Serial+Ethernet,blk

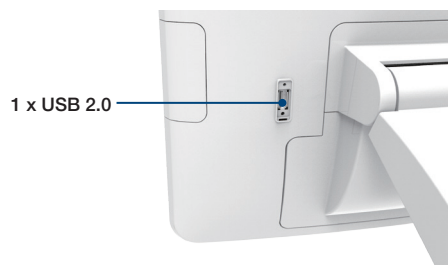
POS Peripherals

Part No.	Description
UPOS-M07G-BST00	7" 2nd display, rear mount for UPOS-211, black (China only)
UPOS-M10G-BST10	10.1" 2nd display, no touch, rear mount for UPOS-211, blk
USC-P01-B110	VFD, Rear mount, black
UPOS-M15G-AST00	15" 4:3 monitor Glass HDMI VGA BK
UPOS-P03-B110	MSR, PS2 for UPOS-211, black
UPOS-P03-B112	MSR+ibutton for UPOS-211, black
UPOS-P03-B113	MSR+RFID for UPOS-211, black
UPOS-P03-B114	MSR+Fingerprint for UPOS-211, black
UPOS-P03-B115	MSR+IC card for UPOS-211, black
UPOS-P03-B116	RFID for UPOS-211, Left, black
UPOS-P03-B117	Slim, MSR, PS2 for UPOS-211, black
UPOS-P03-B118	Slim, MSR+ibutton for UPOS-211, black
1960080774N001	VESA BRACKET-1 FOR UPOS-211(Black)
1960080774N002	VESA BRACKET-1 FOR UPOS-211(WHITE)
1960078502N000	Wall MOUNT BRACKET FOR wall(should order together)
1960078503N000	Wall MOUNT BRACKET FOR unit(should order together)
1750006682-01	Wifi Antenna, should order 2pcs
EWM-W135F01E	Wifi Module, 802.11 a/b/g/n, AR9382, Full size Mini PCIe
UPOS-P05-B110	2D Barcode scanner for UPOS-211, black
1750006682-01	Wifi Antenna, should order 2pcs
EWM-W157H01E	Half Size Mini PCIe, 802.11 a/b/g/n/ac, Realtek RTL8821AE, 1T1R, w/ BT4.0 (Android 4.4 OS)
1960047454T000	Wifi bracket

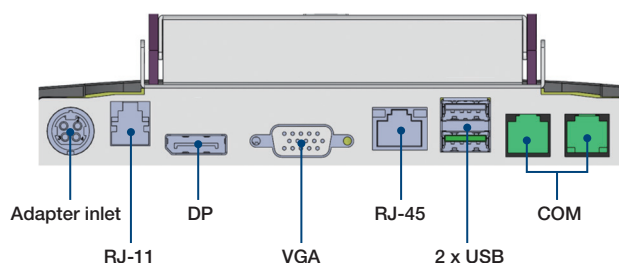
Operating system

Part No.	Description
2070015279	Image WIN10 LTSB-6 UPOS-211D V1.00 7MUI x64
2070014960	Image POSReady7 UPOS-211D V1.00 5MUI x64
20708WX6HS0002	Image WIN10 LTSB-6-U UPOS-211F(I5) V1.00 7MUI x64
20708AIONS0001	UPOS-211D V0.9.5 Android Image 444
2070015299	UPOS-211D LUBuntu1604 x64 ENG OS V1.0.1
20708WE7PS0016	Image WES7P UPOS-211D V1.01 5MUI 64Bit
20708WE7PS0017	Image WES7P UPOS-211D V1.01 5MUI 32Bit
20708WE7PS0018	Image WES7P UPOS-211F V1.00 7MUI x64
20708WP7SS0004	Image WIN7PSP1 UPOS-211F V1.00 5MUI x64
20708WP81S0012	Image Win8.1IndustryPro UPOS-211F V1.00 7MUI x64
20708WSR7S0001	Image POSREADY7 UPOS-211F V1.00 5MUI x64

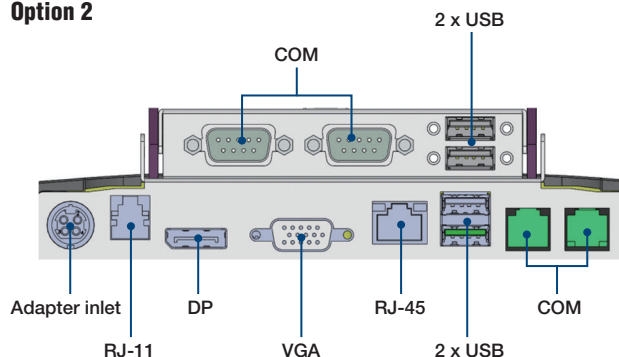
I/O Interface



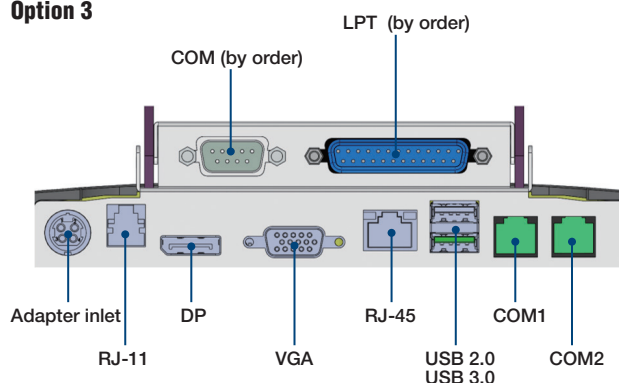
Option 1



Option 2



Option 3



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Advantech:](#)

[UPOS-211FP-BST40](#) [UPOS-211DP-BST40](#)