

UPC Series

UPC-F12C-ULT3

Intel® Core™ i5 and Celeron® ULT Processor



Features

- 12.1" fanless panel PC with Intel® Skylake ULT processor
- IP65 6-side protection with standard cable I/O cover
- Built-in wireless 802.11 a/b/g/n/ac and Bluetooth V4.0
- Operating temperature : -20°C ~ 60°C
- Flat glass PCAP touch with 6H hardness, resistive touch window



Specifications

Model		UPC-F12C-ULT3
Display	LCD Display	12.1"
	Max Resolution	1024(W) x 768(H)
	Brightness (cd/m ²)	600
	Contrast Ratio	700:1
	LCD Color	16.2M
	Pixel Pitch (mm)	0.24(H) x 0.24(V)
	Viewing Angle (H-V)	178° / 178°
	Backlight MTBF (Hrs)	50,000
Motherboard	CPU	6th generation Intel® Core™ i5 and Celeron® ULT processor
	RAM	1 x 260-pin 2133/1867 MHz single-channel DDR4 SO-DIMMs
	Ethernet	PCIe GbE by Intel® I211 controller
Touchscreen		P-CAP / Resistive Touch
Input Interfaces	I/O Ports & Switch	Standard Type: 1 x DC jack (12V-36V DC) 1 x DC-in terminal block (12V-36V DC) 1 x HDMI 1 x VGA 1 x RS-232 (COM1 RJ-45) 1 x RS-232/422/485 (COM2 RJ-45) 2 x LAN 2 x USB 2.0 2 x USB 3.2 Gen 1 (5Gb/s)
Expansion		1 x Full-size/half-size PCIe Mini card slot (PCIe x1 and USB 2.0 signals)
Connectivity	Wi-Fi & BT	802.11 a/b/g/n/ac + Bluetooth v4.0
	RFID	Reserved RFID antenna area (optional)
Storage		1 x 2.5" HDD bay 1 x M.2 (B key 2242 with USB 2.0 and SATA signal)
Physical	Construction	Aluminum die-casting
	Mounting	VESA 100mm x 100mm
	Net/Gross Weight (kg)	5.02 kg / 7.40 kg
	Dimensions (W x L x D) (mm)	316 x 279 x 67
Environment	Operating Temperature (with air flow)	-20°C ~ 60°C (without heater solution)
	Storage Temperature	-20°C ~ 70°C
	IP Level	Full IP65 or Full IP66 (with M12 connectors)
	Safety	CE / FCC
Power	Power Requirement	Power 1: 12V ~ 36V (terminal block)
		Power 2: 12V ~ 36V (DC jack)

Ordering Information

Part No.	Description
UPC-F12C-ULT3-C/R/4G-R11	12.1" 600cd/m ² XGA fanless ultra panel PC with Intel® 14nm 6th generation mobile Celeron® 3955U (15W) on-board processor (ULT), one 4GB DDR4 RAM, 802.11a/b/g/n/ac Wi-Fi module, resistive touch, R11
UPC-F12C-ULT3-C/PC/4G-R11	12.1" 600cd/m ² XGA fanless ultra panel PC with Intel® 14nm 6th generation mobile Celeron® 3955U (15W) on-board processor (ULT), one 4GB DDR4 RAM, 802.11a/b/g/n/ac Wi-Fi module, PCAP touch, R11
UPC-F12C-ULT3-i5/R/4G-R11	12.1" 600cd/m ² XGA fanless ultra panel PC with Intel® 14nm 6th generation mobile Core™ i5-6300U (15W) on-board processor (ULT), one 4GB DDR4 RAM, 802.11a/b/g/n/ac Wi-Fi module, resistive touch, R11
UPC-F12C-ULT3-i5/PC/4G-R11	12.1" 600cd/m ² XGA fanless ultra panel PC with Intel® 14nm 6th generation mobile Core™ i5-6300U (15W) on-board processor (ULT), one 4GB DDR4 RAM, 802.11a/b/g/n/ac Wi-Fi module, PCAP touch, R11

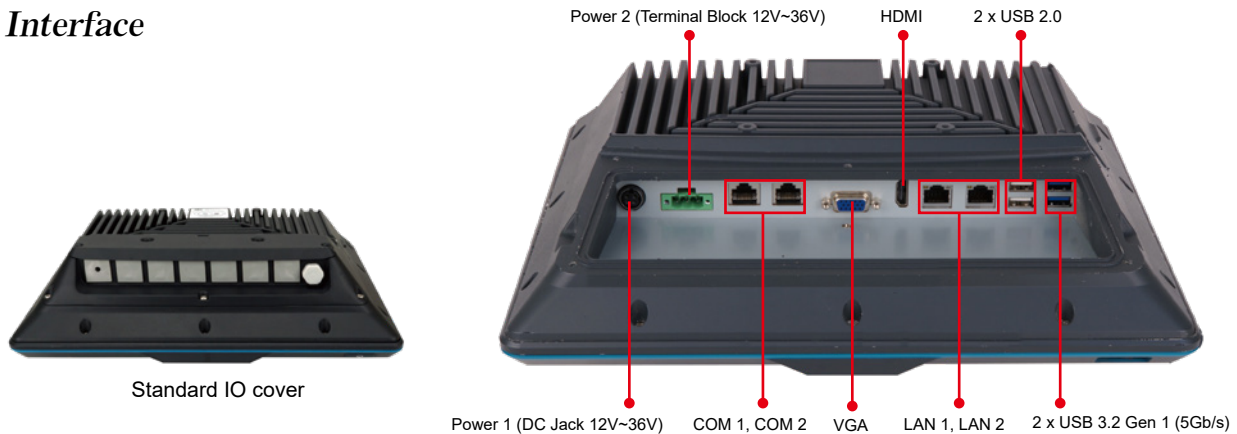
Optional

Item	Description
63040-010060-110-RS	Power Adapter (for standard only)
Arm	ARM-11-RS
Stand	STAND-A12-RS / STAND-C12-R10
MIFARE RFID Kit	UPC-F-MF-RFID-KIT01-R10 (ATO only)

Packing List

Item	Q'ty	Remark
Touch Pen	1	Resistive type only
Ferrite core	2	
D-Sub to RJ45 cable	2	for standard only
Waterproof plugs: Φ3	10	Φ3x2, Φ4x1, Φ5x1, cover x 6 (for standard only)

I/O Interface



UPC-F12C Dimensions (Unit: mm)

