

uIBX-260-EHL

Ultra Compact Size



Features

- » Ultra-Compact Industrial Mini PC Fanless system
- » Intel® Celeron® J6412 2.0 GHz (up to 2.6 GHz, quad-core, TDP 10W)
- » Onboard LPDDR4x 8G (up to 16GB)
- » M.2 for expansion
- » Four USB 3.2 Gen2 (10Gb/s) ports
- » Two 2.5GbE LAN ports

Specifications

Form factor	
SBC Form Factor	» CPU: Intel® Celeron® J6412 2GHz (up to 2.6 GHz, quad-core, TDP 10W)
	» Chipset: SoC
	» System Memory: LPDDR4x on board 8GB (up to 16G)
	» Power: DC Jack: 12 V DC Consumption: +12V@3.6A (Intel® Celeron® J6412 with 8GB memory)
I/O Interface	
I/O Ports	» USB: 4 x USB 3.2 Gen2 2 x USB 2.0 (optional)(USB expansion is applicable only when 2.5-inch hard disk is not installed)
	» Ethernet: 2 x RJ-45 2.5 GbE by I225V controller
	» Display: 1 x HDMI™ 1.4b (up to 4k@ 30Hz)
	» COM Port: 1 x RS-232/422/485 (DB9) 1 x RS-232 (optional)
	» TPM: Support Intel PTT
	» Wireless/Bluetooth: 1 x 802.11a/b/g/n/ac (M.2 A Key optional)
	» Watchdog Timer: Programmable 1 ~ 255 sec/min
Expansion Slots	
Expansion Slots	» M.2: 1 x 2230 A-key (PCIe Gen3 x1/ USB2.0) 1 x 2280 M-key (PCIe Gen3 x2)
System	
Cooling method / System Fan	Fanless
Drive Bays	1 x 2.5" SATA 6Gb/s HDD/SSD bay
Indicator&Buttons	

Buttons	1 x Power button(with LED)
	1 x Reset button
	1 x AT/ATX switch
	1 x Clear CMOS Button
Indicators	1 x Power LED
	1 x HDD LED
Physical Characteristics	
Construction	Extruded aluminum alloy
Color	
Color	Black C
Dimensions	
Dimensions	137 x 102.8 x 65.8
Weight	
Weight	0.97KG /1.74KG
Environment	
Operating Temperature	-10°C ~ 50°C with air flow (M.2)
Humidity	10% ~ 95% non-condensing
Operating Vibration	10-500 Hz, 1.04 Grms, random, 1 hr/axis (SSD)
Operating Shock	Half-sine wave shock 5G, 11ms, 100 shocks per axis (SSD)
Safety & EMC	CE / FCC / UKCA compliant
OS Support	
OS Support	Microsoft® Windows® 10/11, Linux

Ordering Information

uIBX-260-EHL-W10IoT21-E-R10	OS Image with Windows® 10 Enterprise Entry 64-bit 2021 LTSC for uIBX-260-EHL Series, with DVD-ROM, RoHS
uIBX-260-EHL-JC-R10	Fanless embedded system with Intel® Celeron® J6412 2.0GHz (up to 2.6 GHz, Quad Core, TDP 10W), on board 8GB LPDDR4x memory, 1 x RS-232/422/485, 4 x USB 3.2, 1 x HDMI™, 2 x 2.5GbE Lan, 12V DC, RoHS

Packing List

1 x Mounting Screw	1 x Mounting Bracket
1 x Adapter	1 x Power Cord

Options

EMB-WIFI-KIT02I3-R10	2T2R M.2 wifi module kit for embedded system, IEEE802.11a/b/g/n/ac/ax, 1 x M.2 AE Key Wireless LAN & Bluetooth 5.2;Intel;AX210.NGWG Module, 2 x RF cable , 2 x Antenna; RoHS
32205-008000-100-RS	FLAT CABLE;RS-232/422/485;2;250mm;28AWG;(A)D-SUB 9P MALE,BLUE;(B)MOLEX 51021-0900 P=1.25;Wins Precision;C24230217-0;RoHS
32001-008600-200-RS	ROUND CABLE;USB CABLE;3;210mm;28AWG;(A)USB A TYPE 4PIN FEMALE *2;(B)DU PONT 2*4P P=2.0 FEMALE;ONE PCS PKG W/ LABEL;WITH 4PCS SCREWS,32000-070301-RS SUBSTITUTE;Wins Precision;RoHS