

TANK-630-EHL

Fanless Embedded System



Features

- » Fanless system with Intel® Celeron® J6412 processor
- » Multiple COM ports: six RS-232 and two RS-232/422/485
- » 2 x HDMI dual independent display
- » M.2 and one 2.5" SATA storage device
- » CE/FCC compliant

Specifications

Form factor	
SBC Form Factor	» Supported CPU:
	Intel® Celeron® J6412 2.0 GHz (up to 2.6 GHz, quad-core, TDP 10W)
	» Chipset:
	SoC
	» System Memory:
	2 x SO-DIMM DDR4 3200 (8GB pre-installed) (up to 32GB)
	» Power:
	DC Jack: 12 ~ 28V DC
	Terminal Block: 12 ~ 28V DC
	Consumption: 12V@3.36 (Intel® Celeron® J6412 with 8GB DDR4 Memory)
I/O Interface	
I/O Ports	» USB:
	2 x USB3.2 Gen2
	4 x USB 2.0
	» Ethernet:
	3 x 2.5 GbE by Intel® I225-V/I226-V controller
	» Display:
	2 x HDMI™ (up to 4K@30Hz)
	» COM Port:
	2 x RS-232/422/485 (DB-9)
	6 x RS-232 (DB-9)
	» Digital I/O:
	12-bit Digital I/O (DB15)
	» Audio:
	1 x Line-out
	1 x Mic-in
	» Wireless:
	1 x 802.11 a/b/g/n/ac (optional)
	» TPM:
	1 x TPM (2 x10 pin)
	Intel PTT
	» Watchdog Timer:
	Programmable 1 ~ 255 sec/min

Expansion Slots	
Expansion Slots	» M.2:
	1 x 2230 A-key (PCIe Gen3 x1/USB 2.0)
	1 x 2042/52/80 B-key (SATA/USB 2.0)
	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
	1 x Reset Button
	1 x AT/ATX Switch
Indicators	1 x LED for Power
	1 x LED for HDD
Physical Characteristics	
Construction	Extruded aluminum alloy
Color	
Color	Black
Dimensions	
Dimensions	184 x 200.6 x 53 (mm)
Weight	
Weight	2.04 /2.29 kg
Environment	
Operating Temperature	-10°C ~ 50°C with 0.7M/S air flow (M.2)
Humidity	10% ~ 95% non-condensing
Operating Vibration	MIL-STD-810G 514.6C-1 (SSD)
Operating Shock	Half-sine wave shock 5G, 11ms, 100 shocks per axis (SSD)
Safety & EMC	CE, FCC, UKCA
OS Compatible	
OS Compatible	Microsoft® Windows® 10/11, Linux

Ordering Information

TANK-630-EHL-JC-R10	Fanless embedded system with Intel® Celeron® J6412 2.0GHz,(up to 2.6GHz, 4-Core, TDP 10W), 8GB DDR4 pre-installed memory, 10V~28V DC, 6xRS232, 2xRS-232/422/485, 2xUSB 3.2, 4xUSB2.0, 2xHDMI, 3x2.5GbE Lan, RoHS
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Packing List

1 x Mounting Bracket	1 x Screw pack
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