

TANK-620-ULT3

Fanless Multiple COM Ports Embedded System



Features

- » Intel® Celeron® 3855U (1.6GHz, TDP=15W)
- » Multiple COM ports (up to 14) with TX/RX signal LED indicator for data transmission indication
- » Multiple USB & LAN
- » 24-bit DIO
- » M.2 M-key and dual full-size PCIe Mini slot for expansion
- » Easy accessible storage

Specifications

Form factor	
SBC Form Factor	» CPU:
	Intel® Celeron® 3855U (1.6GHz, TDP=15W)
	» Chipset:
	SoC
	» System Memory:
	1 x 260-pin DDR4 SO-DIMM
	1 x on-board DDR4 4GB pre-installed (system max: 32GB)
	» Power:
	Input: 3-pin terminal block: 9 ~ 36 V DC
	Consumption: 12V@2A
	» Reliability:
	Operating Shock: Half-sine wave shock 5G, 11ms, 100 shocks per axis
	Operating Vibration: MIL-STD-810G 514.6C-1 (SSD)
	Safety/EMC: CE/FCC
I/O Interface	
I/O Ports	» 4 x USB 3.0
	» 4 x USB 2.0
	» Ethernet: 2 x RJ-45
	PCIe GbE by Intel® I211 controller
	» COM Port:
	6 x RS-232 (DB-9)
	8 x RS-232/422/485 ports with automatic flow control (DB-9)
	» 1 x 24-bit digital I/O (12-bit input/12-bit output)
	» Audio:
	1 x Mic in, 1 x Speaker out, 1 x Line out
	» Display: 2 x VGA
Expansion Slots	

Expansion Slots	M.2:
	1 x M.2 2280 (M key, PCIe by 4, SATA co-lay SATA2)
	PCIe Mini:
	2 x Full-size PCIe mini slot (PCIe by1, USB2.0)
System	
Cooling method / System Fan	Fanless
Drive Bays	2 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	HDD,
	Power,
	COM ports
Physical Characteristics	
Construction	Extruded aluminum alloy
Color	
Color	Black C + Silver
Dimensions	
Dimensions	260 x 200 x100 (WxDxH) (mm)
Weight	
Weight	4.4 kg/6.5 kg
Environment	
Operating Temperature	-30°C ~ 70°C with air flow (SSD)
Humidity	10% ~ 95%, non-condensing

Ordering Information

TANK-620-ULT3-CE/4G-R10	Fanless wide temperature embedded system with Intel® Celeron® 3855U 1.6GHz (dual-core, TDP 15W), on-board 4GB DDR4 memory, 9 V~36V DC, with USB, dual VGA, dual Intel® PCIe GbE, COM, DIO, RoHS
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Packing List

1 x Mounting bracket	1 x Chassis Screw
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