

TANK-101B

Fanless Embedded Controller with Dual-Core Intel® Atom™ D525 Processor



Features

- » Dual-core Intel® Atom™ D525 processor inside
- » Wide range 9 V~36 V DC power input
- » Isolation protected COM and CAN communication
- » Extended temperature fanless design supports -20°C ~ 70°C (N455)

Specifications

| | |
|-----------------------------|--|
| Color | |
| Color | Cool Gray+Blue |
| Dimensions | |
| Dimensions | 248 x 138 x 44 |
| Environment | |
| Humidity | 5% ~ 95%, non-condensing |
| Operating Temperature | -20°C~60°C (D525 with air flow CF/SSD), -20°C~70°C (N455 with air flow CF/SSD), |
| Expansion Slots | |
| Expansion Slots | PCIe Mini:1 x Full size |
| Form factor | |
| SBC Form Factor | CPU: Intel® Atom™ D525 1.8 GHz Intel® Atom™ N455 1.66 GHz Chipset: Intel® ICH8M System Memory On-board DDR3 1 GB memory 1 x 204-pin DDR3 SDRAM SO-DIMM(system max: 3 GB) |
| I/O Interface | |
| I/O Ports | 4 x USB 2.0 Ethernet: 2 x RJ-45 PCIe GbE by Realtek 8111E COM Port 3 x RS-232 (DB-9) 1 x RS-422/485(DB-9, Default RS-422 with isolation) CAN Bus: 2 x DB-9 CAN with isolation Display: 1 x VGA Resolution: VGA: Up to 2048 x 1536@60Hz Audio: 1 x Line-out, 1 x Mic-in Wireless: 1 x 802.11b/g/n (optional) |
| System | |
| Cooling method / System Fan | Fanless |
| Drive Bays | 1 x 2.5' SATA 3Gb/s HDD/SSD bay |

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|--------|---------------|
| Weight | |
| Weight | 2.1 kg/3.9 kg |

Ordering Information

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|------------------------|---|
| TANK-101B-R11/N455/1GB | Extend temperature Fanless embedded system with Intel® ATOM® Processor N455 1.66GHz CPU with two isolated CAN, One isolated Serial Port, 1GB DDR3 memory onboard, 9~36V DC in, Pantone 287C + Cool Gray 2C, -20°C ~ 70° C, RoHS |
| TANK-101B-R11/D525/1GB | Extend temperature Fanless embedded system with dual core Intel ATOM Processor D525 1.8G CPU with two isolated CAN, One isolated Serial Port, 1GB DDR3 memory onboard, 9~36V DC in, Pantone 287C + Cool Gray 2C, -20°C ~ 60°C, RoHS |

Packing List

| | |
|--------------------------|---|
| 1 x Power cord | 1 x 60W 12 V power adapter (Meet PSE & ErP) |
| 2 x Wall mount brackets | 1 x Screw set |
| 1 x SATA HDD drive cable | 1 x QIG |