

TANK-101B-D525-N455

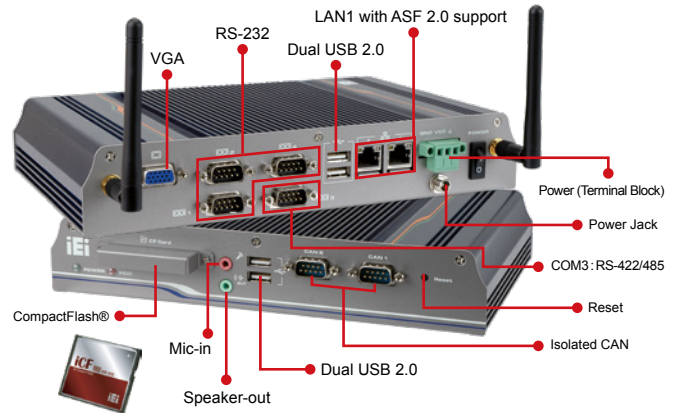
Fanless Embedded Controller with Dual-Core Intel® Atom™ D525 Processor

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)



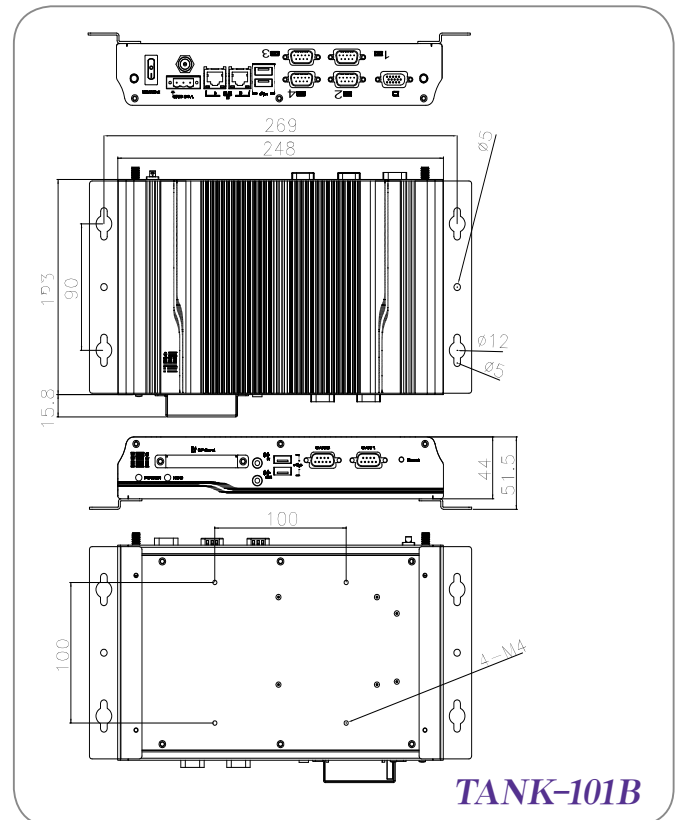
Isolation Protection



Specifications

Model Name		TANK-101B	
Chassis	Color	Cool Gray+Blue	
	Dimensions (WxDxH) (mm)	248 x 153 x 44	
	System Fan	Fanless	
	Chassis Construction	Aluminum alloys with heavy duty metal	
Motherboard	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)	
Storage	Hard Drive	1 x 2.5" SATA 3Gb/s HDD/SSD bay	
	CF Card/CFast	1 x CF Type II	
System Function	USB 2.0	4	
	Ethernet	2 x RJ-45 PCIe GbE by Realtek 8111E controller	
	COM Port	3 x RS-232 (DB-9) 1 x RS-422/485 (DB-9, Default RS-422 with isolation)	
	CAN Bus	2 x CAN-bus (DB-9 w/ 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)	
	Expansions	PCIe Mini	1 x Full-size PCIe Mini
	Power	Power Input	DC Jack: 9 V~36 V DC
Power Consumption		12 V@1.85 A (Intel® Atom™ D525 with DDR3 1 GB)	
Reliability	Mounting	Din-rail, wall mount	
	Operating Temperature	-20°C~60°C (D525 with air flow CF/SSD), 5% ~ 95%, non-condensing -20°C~70°C (N455 with air flow CF/SSD), 5% ~ 95%, non-condensing	
	Operating Shock	Half-sine wave shock 3G, 11ms, 3 shocks per axis	
	Operating Vibration	MIL-STD-810F 514.5C-1 with SATA HDD MIL-STD-810F 514.5C-2 with CompactFlash®/SSD	
	Weight (Net/Gross)	2.1 kg/3.9 kg	
OS	Safety/EMC	CE/FCC	
	Supported OS	Microsoft® Windows® XP Embedded	

Dimensions (Unit: mm)



Ordering Information

Part No.	Description
TANK-101B-R11/D525/1GB	Extended temperture fanless embedded system with dual-core Intel® Atom™ Processor D525 1.8 GHz CPU with two isolated CAN, one isolated serial port, 1 GB DDR3 memory on board, 9 V~36 V DC in, Pantone 287C + Cool Gray 2C, -20°C ~ 60°C, RoHS
TANK-101B-R11/N455/1GB	Extended temperture fanless embedded system with Intel® Atom™ Processor N455 1.66 GHz CPU with two isolated CAN, one isolated serial port, 1 GB DDR3 memory on board, 9 V~36 V DC in, Pantone 287C + Cool Gray 2C, -20°C ~ 70°C, RoHS

Packing List

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