

# TANK-800-D525

Intel® D525 3-Slot Fanless Embedded System



## Features

- » Intel® Atom™ D525 1.8 GHz dual-core processor for TANK-800 2nd/3rd generation Intel® Core™ low power desktop processors (max TDP. 65W) for TANK-820
- » On-board 1GB DDR3 memory and one DDR3 SO-DIMM slot (system max. 3GB) for TANK-800 On-board 2GB DDR3 memory and one DDR3 SO-DIMM slot (system max. 10GB) for TANK-820
- » Dual wide range DC power support (TANK-800-D525: 9 V~36 V DC/ TANK-820-H61: 9 V~24 V DC)

## Specifications

Color	
Color	Black C + Silver
Dimensions	
Dimensions	136 x 219 x 188
Environment	
Humidity	5% ~ 95%, non-condensing
Operating Temperature	-20°C ~70°C with air flow (SSD)
Expansion Slots	
Expansion Slots	PCI:2P1E: 2 x PCI, 1P2E: 1 x PCI
	PCIe:
	2P1E: One PCIe x4 (physical PCIe x16 slot)
	1P2E: One PCIe x1 (physical x4 slot),
	One PCIe x2 (physical x16 slot)
Form factor	
SBC Form Factor	CPU
	Intel® Atom™ D525 1.8 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:
	4 x RS-232 (DB-9)
	2 x RS-422/485 (RJ-45)
	Digital I/O: 8-bit digital I/O, 4-bit input/4-bit output 8-bit digital I/O, 4-bit input/4-bit output
	Display: 1 x VGA
	Resolution: VGA: Up to 2048 x 1536@75Hz
	Audio: 1 x Line-out, 1 x Mic-in

System	
Cooling method / System Fan	Fanless
Drive Bays	1 x 2.5' SATA 3Gb/s HDD/SSD bay
Weight	
Weight	2.6 kg/4.1 kg

## Ordering Information

TANK-800-D525/1GB/1P2E-R12	Extend temperature fanless embedded system with One PCIe x1 and one PCIe x2 and one PCI expansion, Intel Atom D525 1.8GHz Dual Core Processor, Dual 9-36V DC-IN, 1GB DDR3 Memory on-board, -20°C~70°C
TANK-800-D525/1GB/2P1E-R12	Extend temperature fanless embedded system with One PCIe x4 and two PCI expansion, Intel Atom D525 1.8GHz Dual Core Processor, Dual 9-36V DC-IN, 1GB DDR3 Memory on-board, -20°C~70°C

## Packing List

1 x Power Cord	4 x HDD Screw
1 x Pluggable DC-in Terminal Block	1 x Power Adapter
8 x Rubber Foot Pad Screw	2 x Mounting Bracket
4 x Foot Pad	4 x Mounting Bracket Screw
2 x RJ-45 to DB-9 COM Port Cable	