

TANK-820-H61 Sandy Bridge 3-Slot Embedded Computer

Specifications

Chassis Construction

Extruded Aluminum Alloy

Color

Black C + Silver

CPU

2nd Generation Intel®
-Core™ i5-2xxT, dual-core (above 2.7GHz), 35W
-Core™ i3-2xxT, dual-core (above 2.5GHz), 35W
-Pentium® G6xxT, dual-core (above 2.2GHz), 35W

Storage

1 x 2.5" SATA HDD bay

System Chipset

Intel® H61 Chipset

System Memory

1 x 204-pin DDR3 SDRAM SO-DIMM Slot (Max. 8G)
Built-in On-board 2GB DDR3 memory

Serial Port

4 x RS-232 (DB-9)
2 x 422/485 (RJ-45)

DIO

8-bit Digital I/O, 4-bit input / 4-bit output

USB

4 x USB 2.0, 2 x USB 3.0

Ethernet

2 x Gigabit Ethernet Port

Display

1 x VGA, 1 x DVI-I

System Resolution

VGA: Up to 2048 x 1536 @ 75Hz, **DVI-I:** Up to 1920 x 1080 @ 60Hz

Audio

1 x Mic-in, 1 x Line-out

CompactFlash®

1 x CF Type II

Expansion Slot

2P1E: 1x PCIe x8 (physical x16 slot), 2x PCI **OR**
1P1E: 1x PCIe x1 (physical x4 slot), 1x PCIe x8 (physical x16 slot), 1x PCI

Power Adapter

120W power adapter
Input: 90C~264VAC, 50/60Hz
Output: 19V DC

Power Supply

Redundant dual DC input
Terminal Block : 9~24V, DC Jack : 9~24V

Power Consumption

19V@3.5A (Intel® Core i3-2100 with 6GB DDR3 memory) w/o add-on card

Mounting kit

Wall mount

Operating Temperature

-4°F ~ 140°F (-20°C ~ 60 °C) with air flow (SSD), 5% ~ 95%, non-condensing

Operating Humidity

5% ~ 95%, non-condensing

Operating Shock

Half-sine wave shock 5G, 11ms, 3 shocks per axis

Operating Vibration

Meet MIL-STD-810F 514.5C-2 (with SSD)

Dimensions(WxDxH)

5.23" x 10.6" x 8.2" (133 x 269 x 208mm)

Net Weight

9.24 lbs (4.2Kg)

EMC

CE/FCC



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Mechanical Drawing

