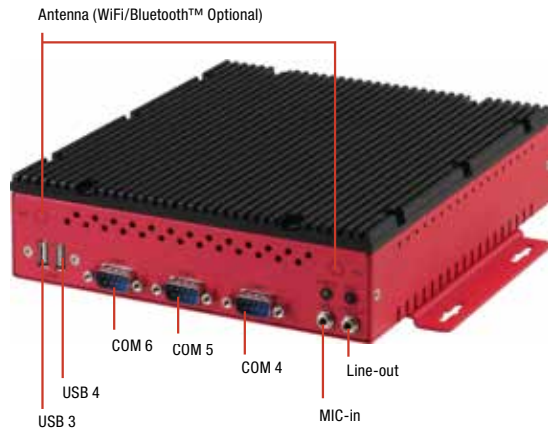


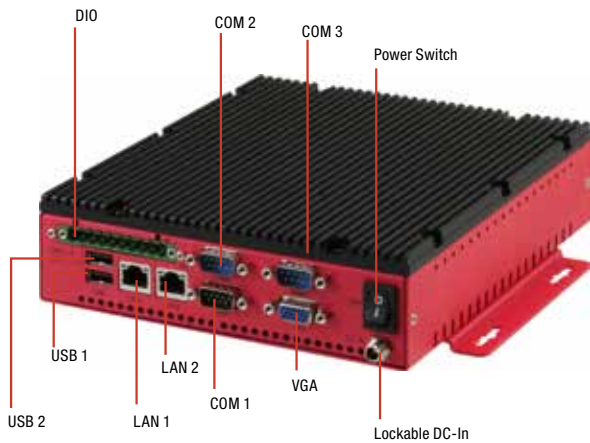
# TKS-G21-CV05

Fanless Embedded Box for GENE-CV05

Front View



Rear View



## Features

- Intel® Atom™ D2550 1.86 GHz Processor
- DDR3 1066 SODIMM x 1, Up To 4 GB
- CRT
- Realtek ALC662 Codec for 2CH HD Audio
- Gigabit Ethernet x 2
- 2.5" SATA Hard Disk Drive Bay x 1
- USB2.0 x 4, COM x 6, 8-bit Digital I/O
- Mini Card x 1, CFast™ x 1
- WiFi & Bluetooth® Combo Module (Optional)
- Lockable Power Input +12V
- Fanless



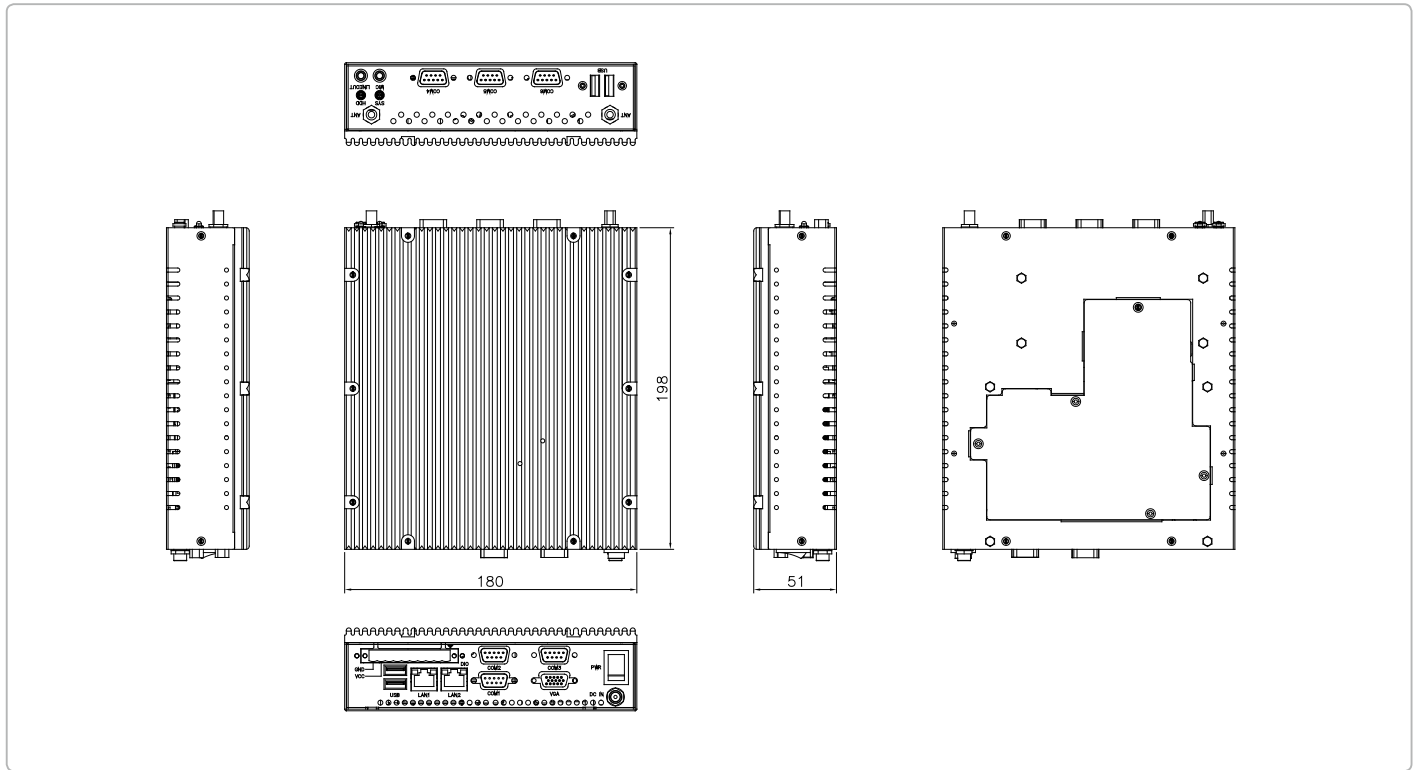
## Specifications

CPU	Onboard Intel® Atom™ D2550 Processor up to 1.86 GHz	
Chipset	Intel® Atom™ D2550 + NM10	
System Memory	204-pin DDR3 1066MHz SODIMM x 1, up to 4 GB	
Display Interface	VGA	D-SUB 15 x 1
	DVI	—
	Others	—
Storage Device	SSD	CFast™ x 1
	HDD	2.5" Hard Disk Drive Bay x 1
Network	LAN	Realtek RTL 8111E, 10/100/1000 Base-TX Ethernet
	Wireless	802.11b/g/n WiFi (Optional)
Front I/O	USB Host	USB Type A x 2
	LAN	—
	Serial Port	COM x 3
	DIO	—
	Audio	Line-out, Mic-in
	Others	—
Rear I/O	USB Host	USB Type A x 2
	LAN	RJ-45 x 2
	Serial Port	COM x 3
	DIO	8-bit (Programmable) x 1
	Audio	—
	KB/MS	Through USB port
Expansion	PCIe	—
	PCI	—
	Mini Card	Mini Card x 1 (Internal)
	Others	—
Indicator	Front	Power LED x 1, HDD LED x 1
	Rear	—
Power Requirement	+12V DC Input	
Power Consumption	—	
System Cooling	Fanless	
Mounting	Desktop or Wallmount (optional)	
Operating Temperature	32°F ~ 122°F (0°C ~ 50°C)	
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)	
Anti-Vibration	5g rms/ 5 ~ 500Hz/ random operation (CFast™)	
	1g rms/ 5 ~ 500Hz/ random operation (Internal Hard Disk Drive active Module)	
Anti-Shock	50G peak acceleration (11 msec. duration) (CFast™)	
	20G peak acceleration (11 msec. duration) (Hard Disk Drive Module)	
MTBF (Hours)	—	
Certification	EMC	CE/FCC Class A
	Safety	—
Dimension (W x H x D)	7.79" x 7.08" x 2.0" (198mm x 180mm x 51mm)	
Gross Weight	Heavy duty steel (1.78 kg/ 3.92 lb)	

# TKS-G21-CV05

## Dimension

Unit: mm



## Ordering Information

Part Number	CPU	RAM	Cooler	Storage	Display	LAN	USB	RS-232	RS-232/422/485	KB/MS	Audio	DIO	Expansion Slot	Mounting	Power
TKS-G21-CV05-002-DX	Intel® Atom™ D2550	SODIMM	Fanless	SATA x 1, CFAST™ x 1	CRT	GbE x 2	4	5	1	—	Line-out, Mic-in	8-Bit (Programmable)	Mini Card x 1	Wallmount	+12V, DC/ATX

## Packing List

- Product CD
- TKS-G21-CV05

## Optional Accessories

- **968666626**  
Mini Card WiFi 802.11 b/g/n w/ BT3.0
- **175990000J**  
2.4GHz, RF Antenna
- **1700010252**  
RF Antenna Cable, 25cm
- **9761G21000**  
Wallmount kit
- **1757306007**  
60 Watts Power Adapter