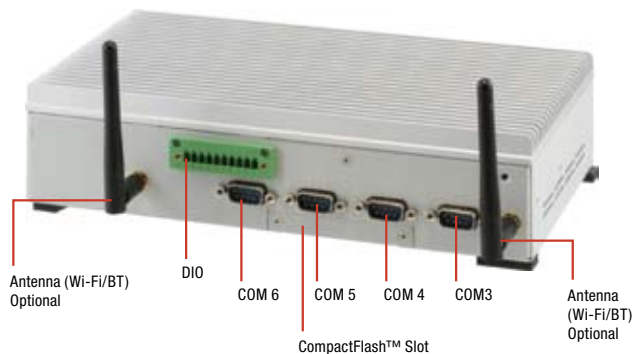
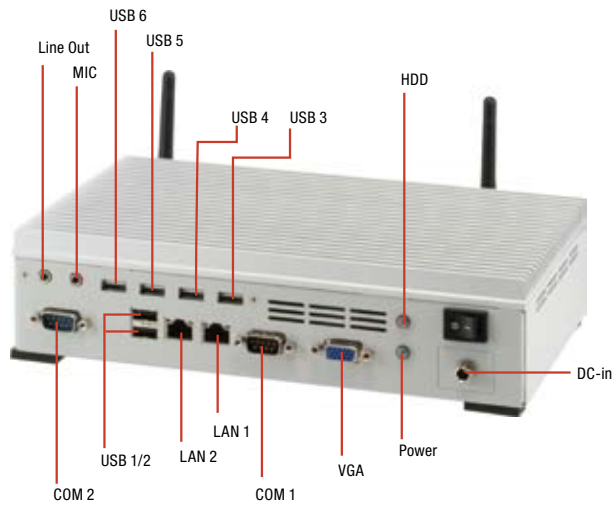


# TKS-G20-LN05 Rev. B

Fanless Embedded Box for GENE-LN05



## Features

- Intel® Atom™ D525 Processor
- Intel® ICH8M Chipset
- DDR3 667/800 SODIMM x 1, Max. Up To 4 GB
- CRT (VGA) Single View
- 2CH HD Audio
- Gigabit Ethernet x 2
- 2.5" SATA Hard Disk Drive Bay x 1
- USB 2.0 x 6, COM x 6, Compact Flash™ x 1, 8-Bit Digital I/O
- Wi-Fi & Bluetooth® combo Module (Optional To Occupy One PCIe Slot)
- Fanless & White Color Chassis



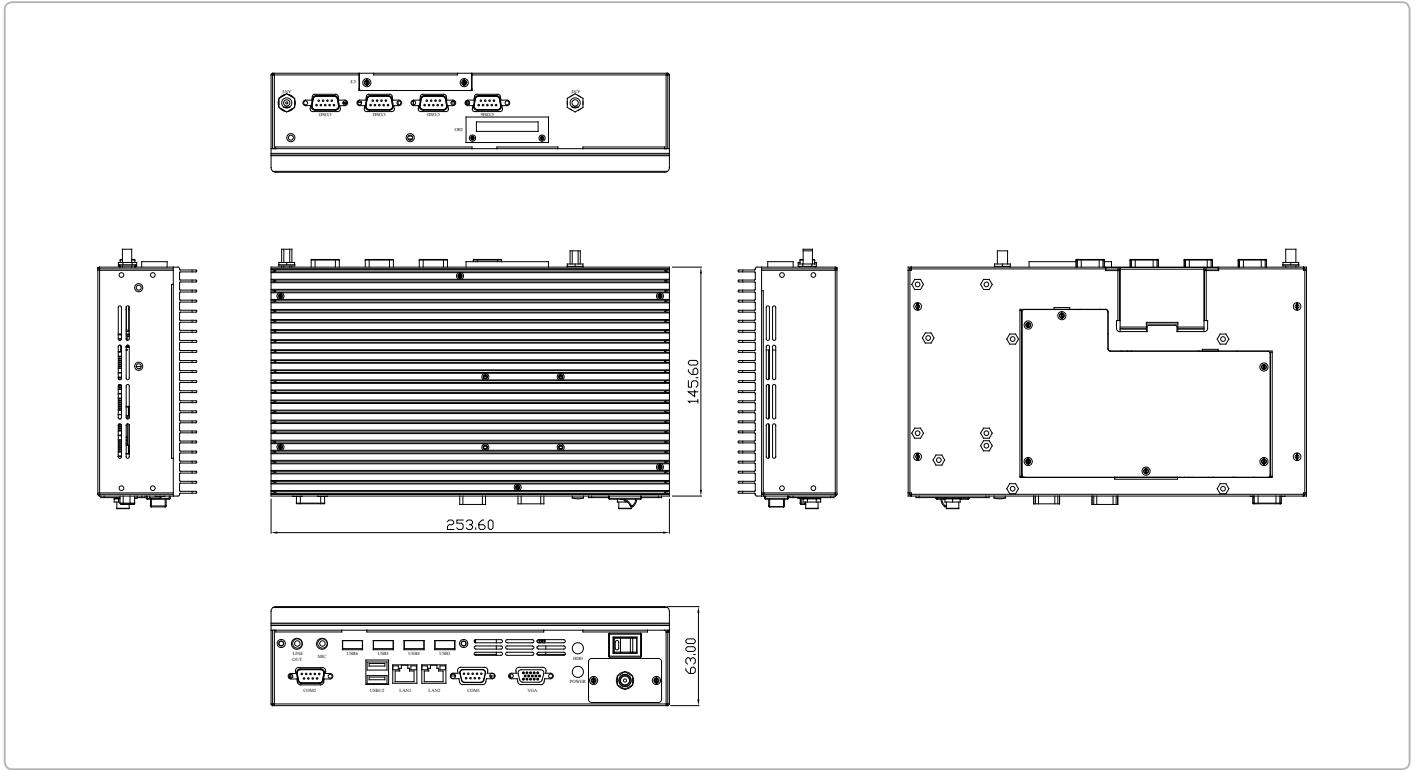
## Specifications

CPU	Onboard Intel® Atom™, D525, 1.8 GHz Processor	
Chipset	Intel® ICH8M	
System Memory	200-pin DDR3 SODIMM x1, Max. 4GB(DDR3 667/800)	
Display Interface	VGA	D-SUB 15 x 1
	DVI	—
	Others	—
Storage Device	SSD	Type 2 CompactFlash™ Slot x 1
	HDD	2.5" Hard Disk Drive Bayx1
Network	LAN	10/100/1000 Base-TX Ethernet, RJ-45 x 2
	Wireless	802.11b/g/n WiFi (Optional)
Front I/O	USB Host	—
	LAN	—
	Serial Port	COM x 4
	DIO	8-bit Programmable x1 (non-isolation)
	Audio	—
Rear I/O	USB Host	USB Type A x 6
	LAN	RJ-45 x 2
	Serial Port	COM x 2
	DIO	—
	Audio	Line-out, Mic-in
Expansion	KB/MS	Through USB port
	Others	—
	PCIe	—
	PCI	—
	Mini Card	Mini Card x 1 (Internal)
Indicator	Front	—
	Rear	Power LED x 1, HDD LED x 1
Power Requirement	For DC Type: ATX type, +12V Input	
Power Consumption	Intel® Atom™ D525, DDR3 1GB 1.29A@+12V	
System Cooling	Fanless	
Mounting	Desktop or Wallmount (optional)	
Operating temperature	32°F ~ 113°F (0°C ~ 45°C)	
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)	
Anti-Vibration	0.5g rms/ 5 ~ 502Hz/ random operation (Internal Hard Disk Drive active Module)	
Anti-Shock	10g peak acceleration (11 msec. duration) (Hard Disk Drive Module)	
MTBF (Hours)	70,000	
Certification	EMC	CE/FCC Class A
	Safety	—
Dimension (W x H x D)	10" x 5.75" x 2.48" (254mm x 146mm x 63mm)	
Gross Weight	Heavy duty steel (2.42 kg/ 5.33 lb)	

# TKS-G20-LN05 Rev. B

## Dimension

Unit: mm



## Packing List

- Product CD
- TKS-G20-LN05B

## Optional Accessories

- **9741C50W00**  
WiFi LAN Kits (Module 802.11 b/g/n & Bluetooth® V3.0 & RF Antenna with Cables)
- **1757306004**  
60Watts Power Adapter
- **9761LN0500**  
Wallmount Kits

## Ordering Information

Part Number	CPU	RAM	Cooler	Storage	Dis- play	LAN	USB	RS-232	RS- 232/422/485	KB/ MS	Audio	DIO	Expansion Slot	Mounting	Power	Temp.
TF-TKS-G20-LN05B-001-DX	Intel® Atom™ Atom D525	SODIMM	Fanless	SATA x 1, CompactFlash™ x 1	CRT	GbE x 2	6	5	1	N/A	Line-out, Mic-in	8-Bit (Programmable)	1 x Mini Card	Wallmount	+12V, DC/ATX	0°C ~ 45°C