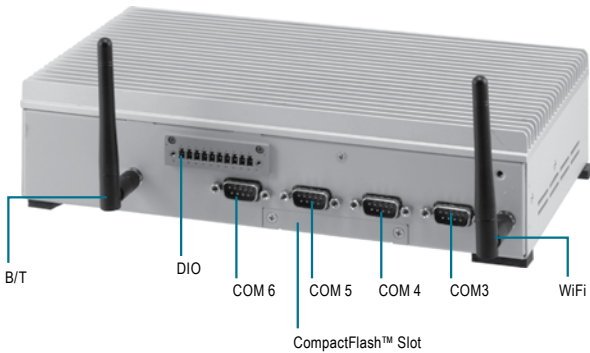
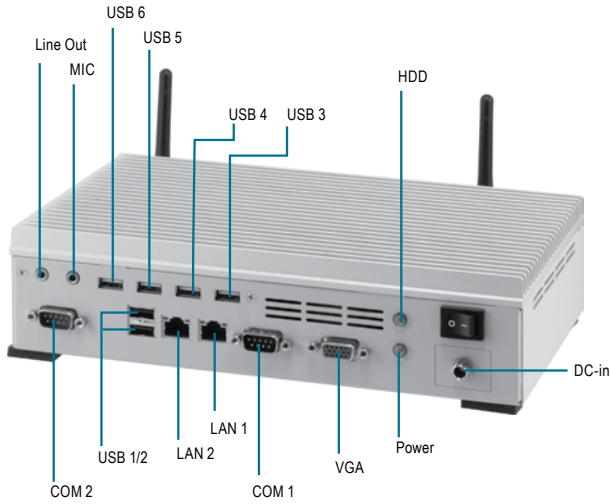


# TKS-G20-LN05

Fanless Embedded Box for GENE-LN05

14

Turn-Key Chassis (EmBOX)



## Features

- Intel® Atom™ D510 Processor
- Intel ICH8M Chipset
- DDR2 533/ 667 SODIMM x 1, Max. up To 2 GB
- CRT (VGA) Single View
- 2CH HD Audio
- Gigabit Ethernet x 2
- 2.5" SATA Hard Disk Drive Bay x 1
- USB2.0 x 6, COM x 6, Compact Flash™ x 1, 8-Bit Digital I/O
- WiFi & Bluetooth combo Module (Optional To Occupy One PCIe Slot)
- Fanless & White Color Chassis

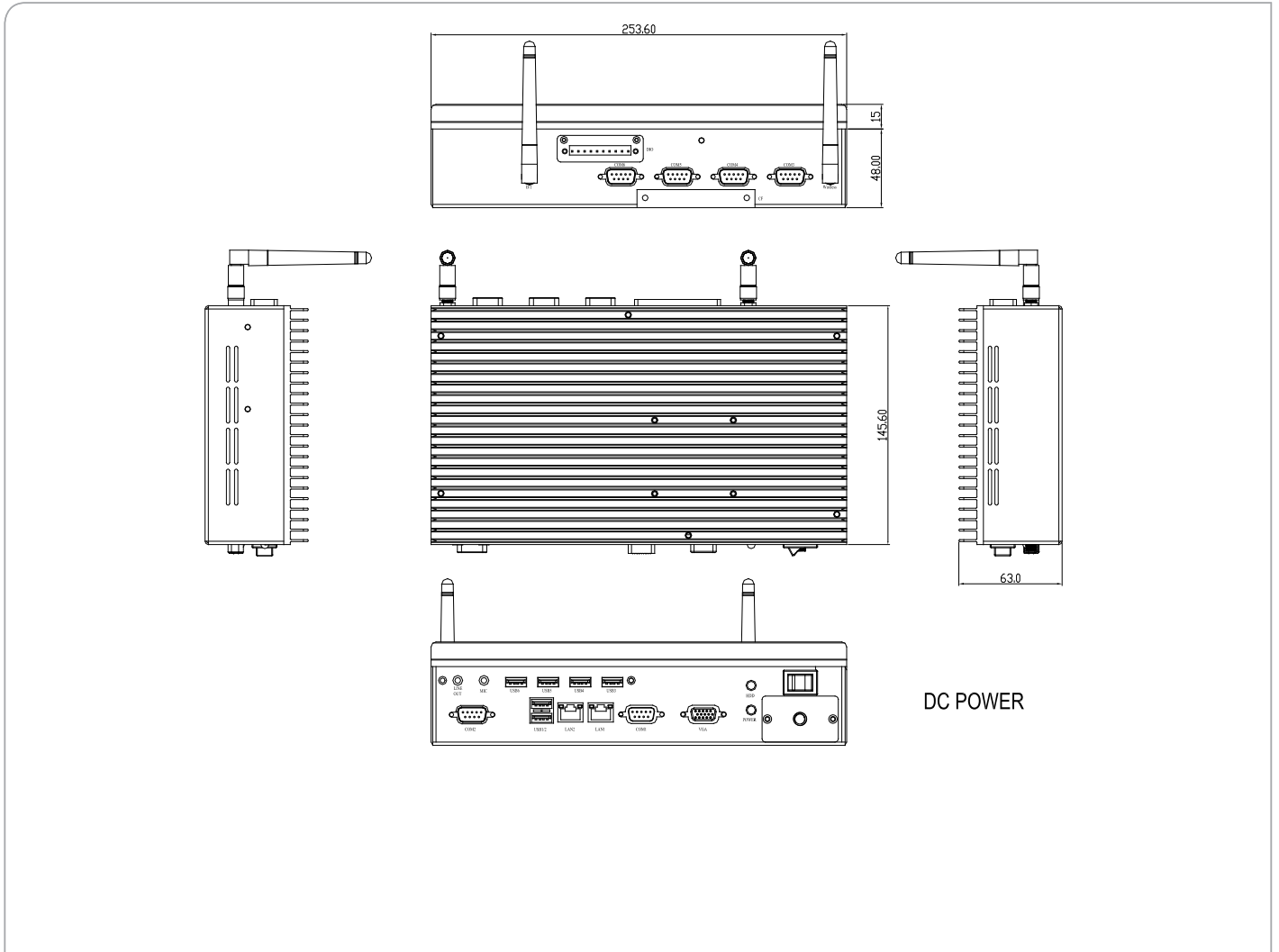


## Specifications

CPU	Onboard Intel® Atom™, D510, 1.66 GHz Processor,	
Chipset	Intel® ICH8M	
System Memory	200-pin DDR2 SODIMM x1, Max. 2GB(DDR2 533/667)	
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	—
	KB/MS	—
	Others	—
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	—
Indicator	Mini Card	Mini Card x 2 (Internal)
	Mini PCI	—
	Others	—
Power Requirement	Front	—
	Rear	Power LED x 1, HDD LED x 1
Power Requirement	for DC Type: ATX type, +12V Input, for AC Type: AT type, 100V ~ 240V Input	
Power Consumption	TBD	
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	70,000	
Certification	EMC	—
	Safety	CE/FCC Class A
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

Dimension Unit: mm



## Packing List

- Product CD
- TKS-G20-LN05

## Ordering Information

- TF-TKS-G20-LN05-001-DX  
Fanless Embedded Box, 12V DC/ATX, GENE-LN05 A10, Intel® Atom™ D510 1.66 GHz

## 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