

## Features

- Built-in Intel® Atom™ N270 Processor
- Fanless Design
- Supports VGA/DVI
- Supports 2.5" SATA Hard Disk Drive And CompactFlash™
- Supports 802.11 b/g WiFi (Optional)
- COM x 4, USB x 4, 8 Digital I/O (Optional)
- +9V~30V DC Wide Voltage Input
- Desktop Or Wallmount (Optional)



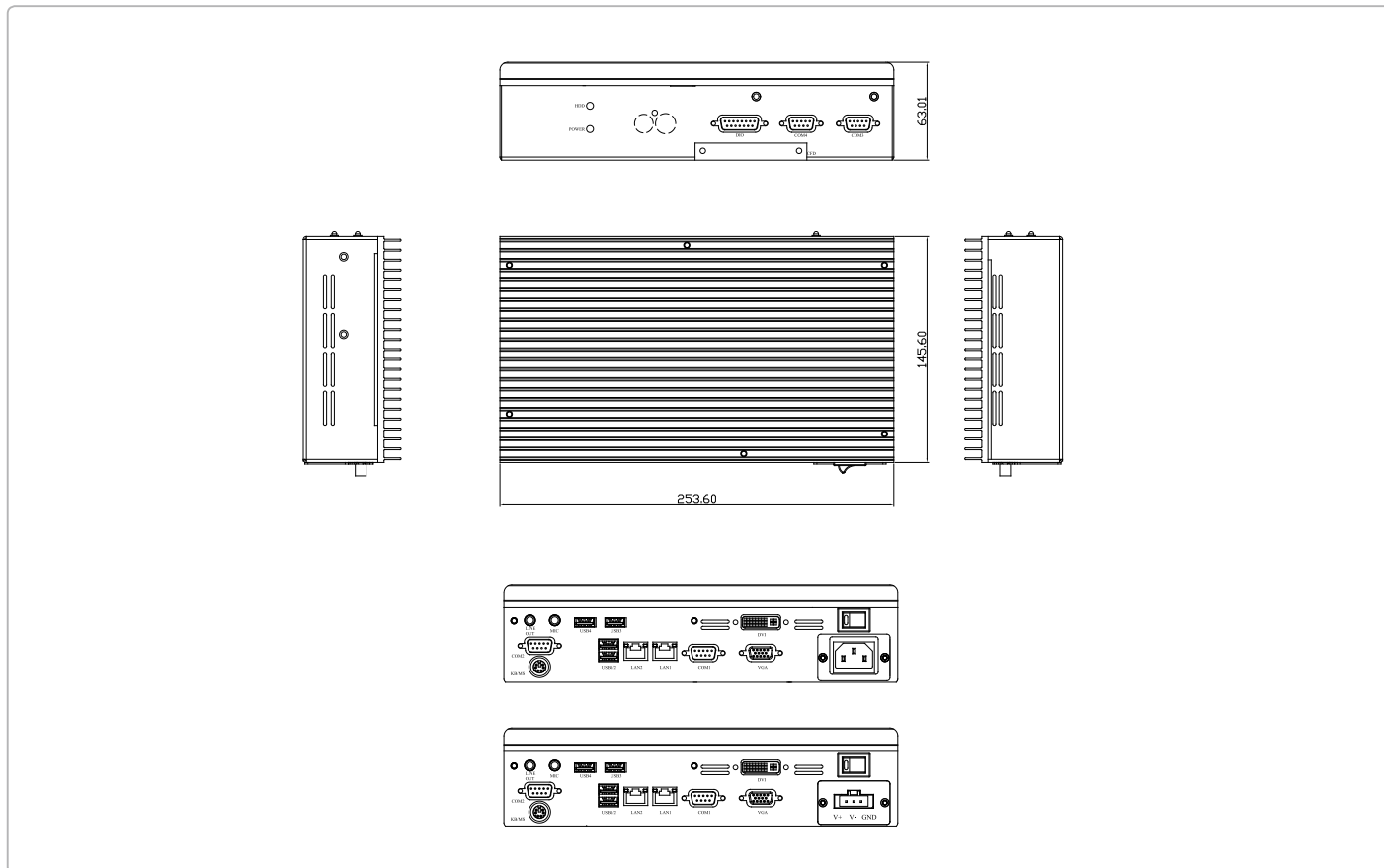
## Specifications

CPU	Onboard Intel® Atom™ N270 Processors Up To 1.6 GHz	
Chipset	Intel® 945GSE + ICH7M	
System Memory	200 pin DDR2 SODIMM x 1, Max. 2 GB (DDR2 400/533)	
Display Interface	VGA	D-SUB 15 x 1
	DVI	DVI-I x 1
	Others	—
Storage Device	SSD	Type 2 CompactFlash™ Slot x 1
	HDD	2.5" SATA 1.5Gb/s Hard Disk Drive Bay x 1
Network	LAN	10/100/1000Base-TX Ethernet
	Wireless	802.11b/g WiFi (Optional)
Front I/O	USB Host	—
	LAN	—
	Serial Port	9-pin D-Sub x 2
	DIO	8-bit Programmable x 1 (Optional)
	Audio	—
	KB/MS	—
	Others	—
Rear I/O	USB Host	USB Type A x 4
	LAN	RJ-45 x 2
	Serial Port	9-pin D-Sub x 2
	DIO	—
	Audio	Line-out, Mic
	KB/MS	PS/2 x 1
Expansion	Others	—
	PCIe	—
	PCI	—
	Mini Card	—
	Mini PCI	Mini-PCI x 1 (Internal)
Indicator	Front	Power LED x 1, HDD LED x 1
	Rear	—
Power Requirement	For DC Type: +9V ~ +30V Input For AC Type: 100V ~ 240V Input	
Power Consumption	Intel® Atom™ N270, DDR2 667 2 GB 2.89A@+5V	
System Cooling	Fanless	
Mounting	Desktop or Wallmount (optional)	
Operating temperature	32°F ~ 104°F (0°C ~ 40°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-G20-9455

## Dimension

Unit: mm



## Optional Accessories

- **9761G50000**  
Wallmount Kit
- **9741850R00**  
802.11b/g Wireless LAN Kit
- **1701150201**  
Digital I/O Cable
- **1757908401**  
84 Watts Power Adapter

## 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	Temp.
TF-TKS-G20-9455-001-DT	Intel® Atom™ N270	SODIMM	Fanless	SATA x 1, CompactFlash™ x 1	CRT + DVI	GbE x 2	4	3	1	Yes	Line-out, Mic-in	8-Bit (Programmable)	1 x Mini PCI	Wallmount	+9~30V, DC/AT	0°C ~ 40°C
TF-TKS-G20-9455-001-DX	Intel® Atom™ N270	SODIMM	Fanless	SATA x 1, CompactFlash™ x 1	CRT + DVI	GbE x 2	4	3	1	Yes	Line-out, Mic-in	8-Bit (Programmable)	1 x Mini PCI	Wallmount	+9~30V, DC/ATX	0°C ~ 40°C
TF-TKS-G20-9455-001-AT	Intel® Atom™ N270	SODIMM	Fanless	SATA x 1, CompactFlash™ x 1	CRT + DVI	GbE x 2	4	3	1	Yes	Line-out, Mic-in	8-Bit (Programmable)	1 x Mini PCI	Wallmount	+100~240V, AC/AT	0°C ~ 40°C