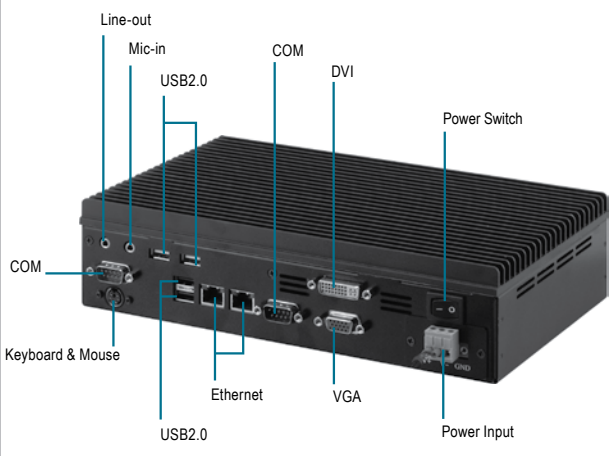
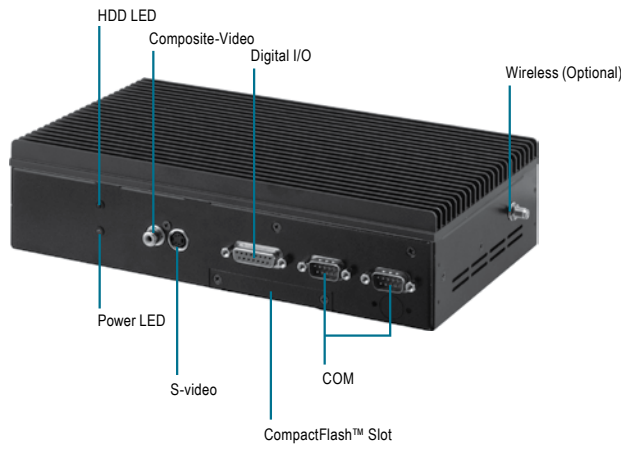


TKS-G20-9455

Fanless Embedded Box for GENE-9455

14

Turn-Key Chassis (EmBOX)



Features

- Built-in Intel® Atom™ N270 Processor
- Fanless Design
- Supports VGA/DVI/TV-out (Optional)
- 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)

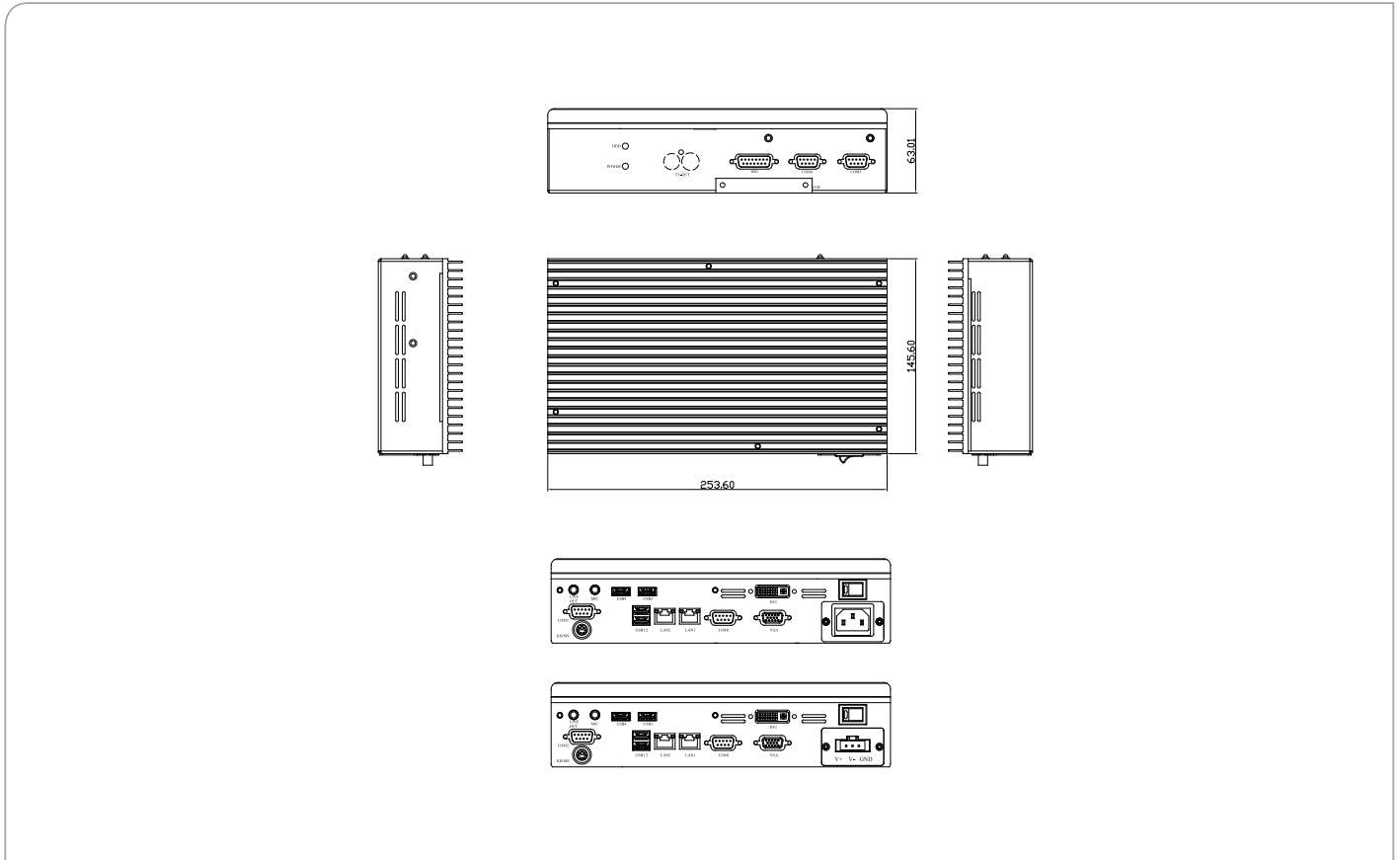


Specifications

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	S-Video x 1 & Composite Video x 1 (Optional)
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	S-Video x 1 & Composite Video x 1 (Optional)
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	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



Ordering Information

- **TF-TKS-G20-9455-001-DT**
Fanless Embedded Box, 9~30V DC/AT, GENE-9455 A10, Intel® Atom™ N270 1.6 GHz
- **TF-TKS-G20-9455-001-DX**
Fanless Embedded Box, 9~30V DC/ATX, GENE-9455 A10, Intel® Atom™ N270 1.6 GHz
- **TF-TKS-G20-9455-001-AT**
Fanless Embedded Box, 100~240V AC/AT, GENE-9455 A10, Intel® Atom™ N270 1.6 GHz

Optional Accessories

- **9761G50000**
Wallmount Kit
- **9741850R00**
802.11b/g Wireless LAN Kit
- **1703080180**
TV-Out Cable RCA Jack
- **1701150201**
Digital I/O Cable
- **1757908401**
84 Watts Power Adapter