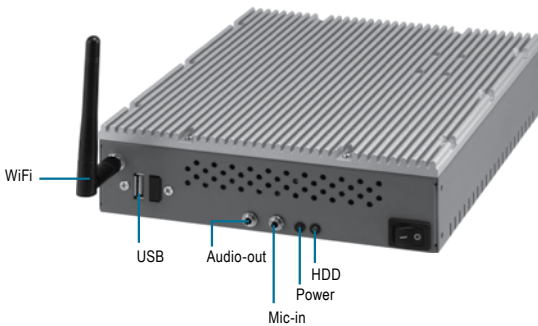
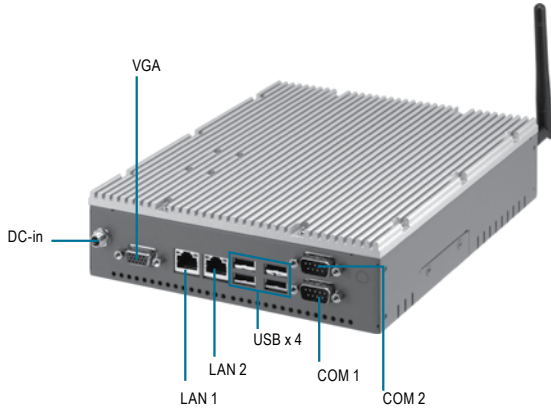


TKS-E21-9457A

Fanless Embedded Box for EPIC-9457 Rev. A

14

Turn-Key Chassis (EmBOX)



Features

- Intel® Atom™ N270 Processor With 1.6 GHz
- DDR2 533/ 667 SODIMM x 1, Up To 2 GB
- CRT (VGA) Single View
- AC97 2.3 Codec 2CH Audio
- Gigabit Ethernet x 2
- 2.5" SATA Hard Disk Drive Bay x 1
- USB2.0 x 6, COM x 2, CompactFlash™ x 1
- Optional WiFi Module
- Fanless

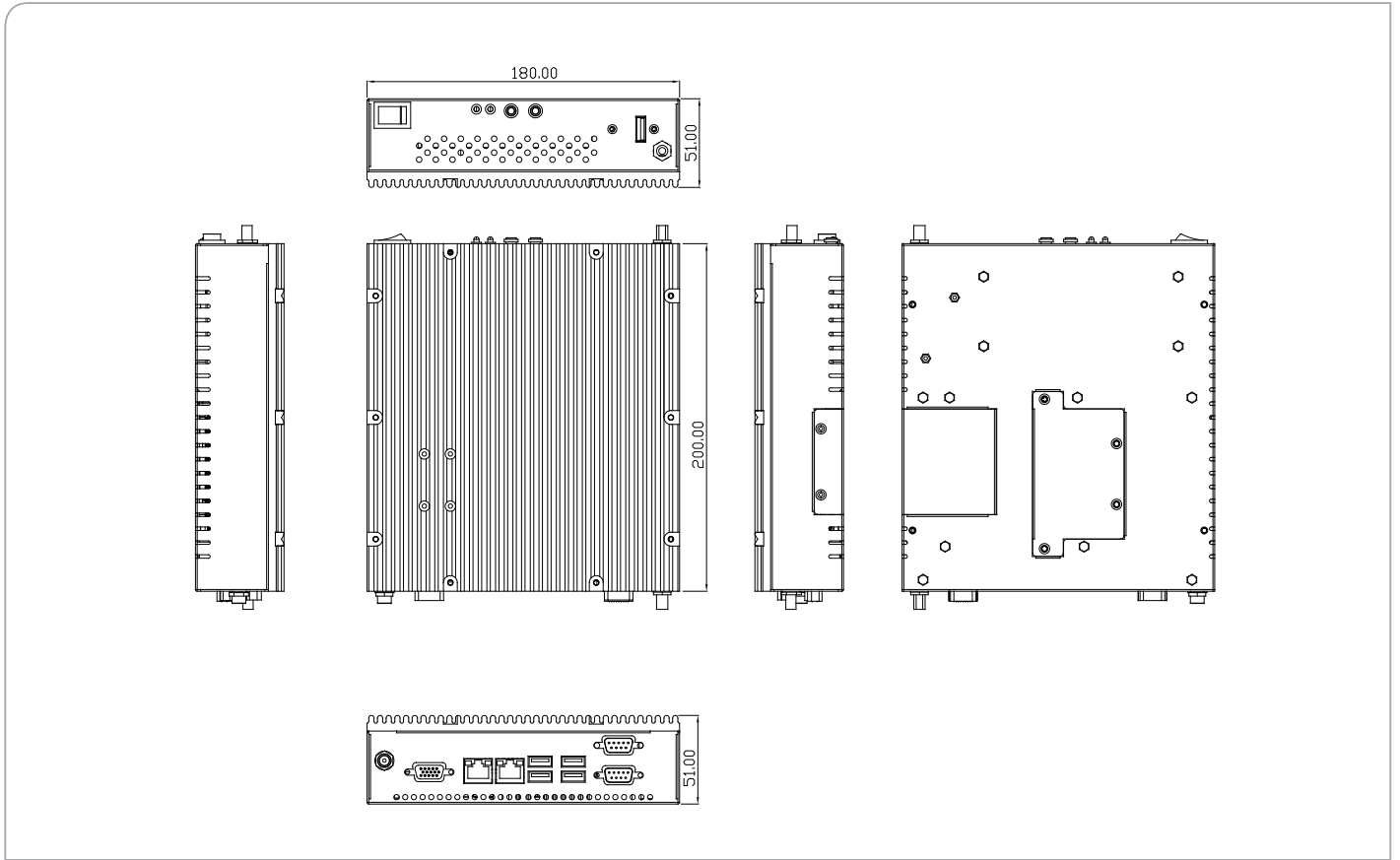


Specifications

CPU	Onboard Intel® Atom™ N270 Processor 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	—
	Others	—
Storage Device	SSD	Type 2 CompactFlash™ Slot x1
	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	USB Type A x 2
	LAN	—
	Serial Port	—
	DIO	—
	Audio	Line-out, Mic-in
	KB/MS	—
Rear I/O	USB Host	USB Type A x 2
	LAN	RJ-45 x 2
	Serial Port	COM x 2
	DIO	—
	Audio	—
	KB/MS	Through USB port
Expansion	PCIe	—
	PCI	—
	Mini Card	—
	Mini PCI	—
	Others	PCI/104 Express Expansion (PCI-104 + PCIe/104) connectors
Indicator	Front	Power LED x 1, HDD LED x 1
	Rear	—
Power Requirement	for DC type: ATX type, +12V Input	
Power Consumption	Intel® Atom™ N270 1.6 GHz, DDR2 2 GB 1.6A@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	5g rms/ 5 ~ 500Hz/ random operation (Compact Flash™)	
	1g rms/ 5 ~ 500Hz/ random operation (Internal Hard Disk Drive active Module)	
Anti-Shock	50g peak acceleration (11 msec. duration) (Compact Flash™)	
	20g 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)	7" x 7" x 2" (180mm x 180mm x 50mm)	
Gross Weight	Heavy duty steel (1.78 kg/ 3.92 lb)	

TKS-E21-9457A

Dimension Unit: mm



Ordering Information

- Product CD
- TKS-E21-9457A

Ordering Information

- **TF-TKS-E21-9457A-001-DX**
Fanless Embedded Box, +12V DC/ATX, GENE-9457 Rev. A, Atom™ N270 1.6 GHz

Optional Accessories

- **1759900001**
2.4GHz RF Antenna
- **1700010252**
RF Antenna Cable, 25cm
- **1757306004**
60Watts Power Adapter
- **968966660H**
802.11 g/n, USB WiFi Module
- **M04E210000**
Wallmount Kits