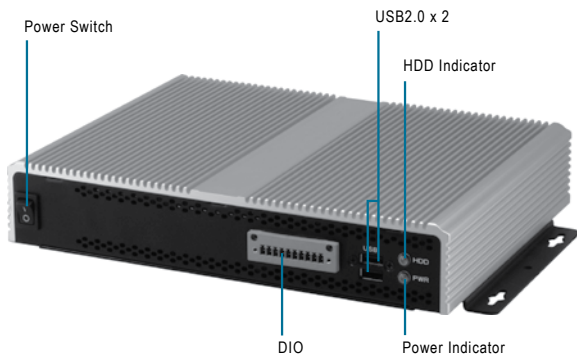
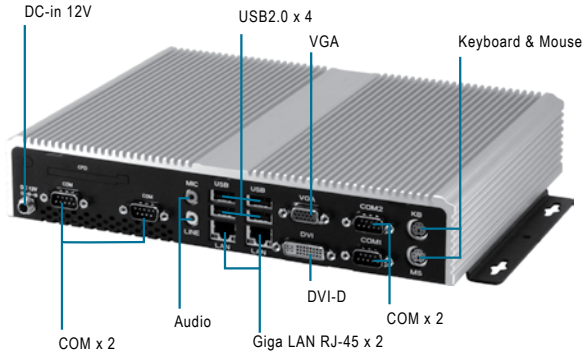


# GES-1100F

Green Embedded System Controller With Intel® Atom™ N270 Processor

01

Green Energy System - Green Embedded System



## Features

- Intel® Atom™ N270 1.6 GHz
- Intel® 945GSE + ICH7M Chipset
- Supports 240-Pin Non-ECC DDR2 400/533 DIMM x 1 (Up To 2 GB)
- Dual-View With DVI & VGA
- Realtek 10/100/1000Base-TX x 2
- 2.5" SATA Hard Disk Drive Bay x 1
- USB2.0 x 6, COM x 4, 8-bit Digital I/O
- Fanless
- Cost-Effective Solution



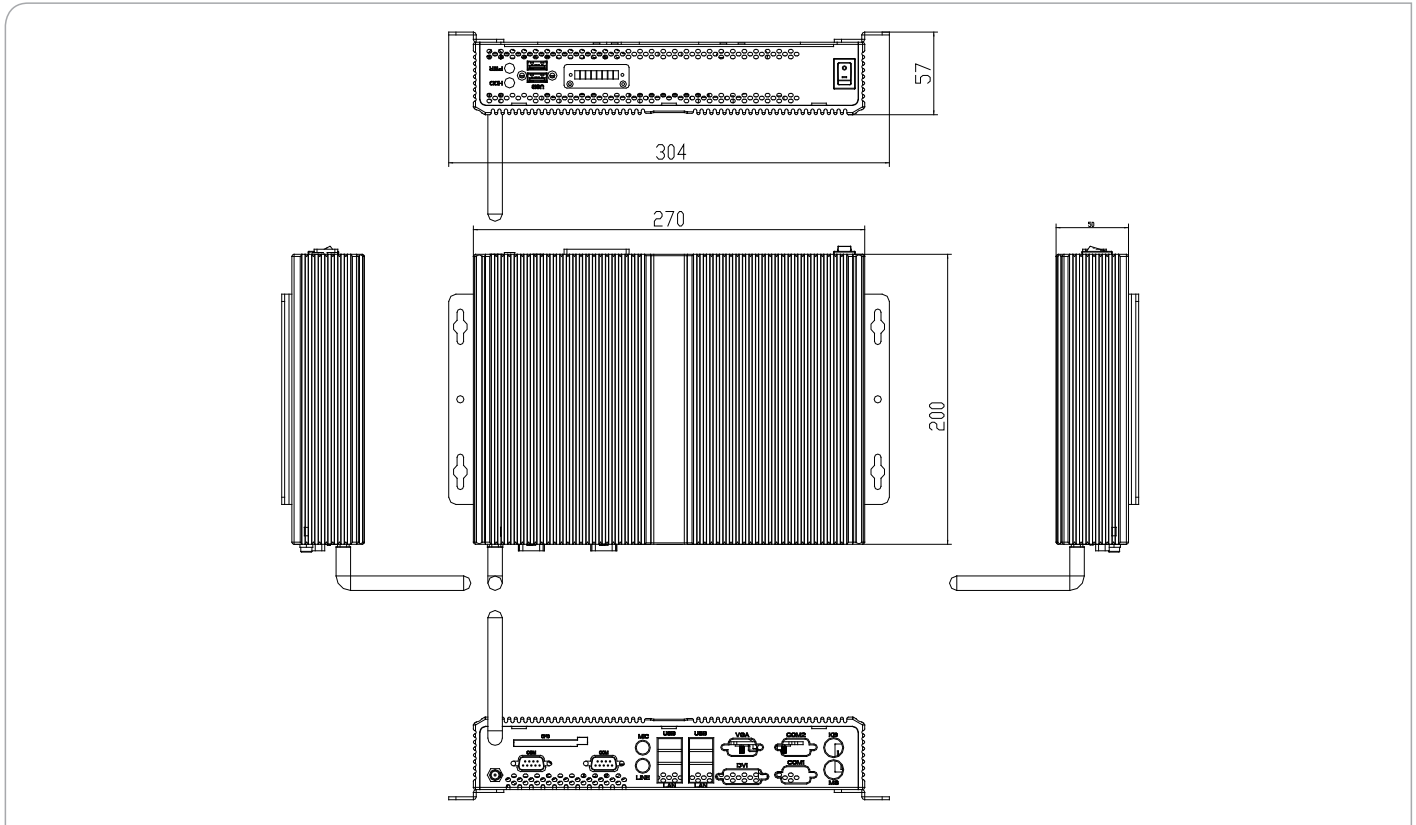
## Specifications

CPU	Intel® Atom™ N270 1.6 GHz	
Chipset	Intel® 945GSE + ICH7M	
System Memory	DDR2 SODIMM 400/533 x 1, Max. 1GB	
Display Interface	VGA	D-SUB 15 x 1
	DVI	DVI-D x 1
	Others	—
Storage Device	SSD	CompactFlash™ x 1 (optional)
	HDD	2.5" SATA HDD x 1
Network	LAN	10/100/1000Base-TX x 2
	Wireless	—
Front I/O	USB Host	USB2.0 x 2
	LAN	—
	Serial port	—
	DIO	8-bit Programmable
	Audio	—
	KB/MS	—
Rear I/O	USB Host	USB2.0 x 4
	LAN	RJ-45 x 2
	Serial port	RS-232 x 3, RS-232/422/485 x 1
	DIO	—
	Audio	Line-out, Mic-in
	KB/MS	Keyboard x 1, Mouse x 1
Expansion	Others	Power-in
	PCIe	—
	PCI	—
	Mini card	—
	Mini PCI	1
Indicator	Others	—
	Front	Power LED x 1, HDD LED x 1
	Rear	—
Power Requirement	AC/DC power adapter	
Power Consumption	30	
System Cooling	Fanless	
Mounting	Desktop/Wallmount	
Operating Temperature	32°F ~ 113°F (0°C ~ 45°C) (SSD)	
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°C)	
Anti-Vibration	HD: 0.5 g rms/ 5-500 Hz/random operation	
Anti-Shock	15 G with 11 m/sec, operating	
MTBF	50,000	
Certification	EMC	CE/FCC Class A
	Safety	—

# GES-1100F

## Dimension

Unit: mm



Dimension (W x H x D)	10.63" x 1.97" x 7.87" (270mm x 50mm x 200mm)
Gross Weight	4.9 lb (2.24 kg)
Note	Windows® XP, Linux Support

## Packing List

- 60W AC-DC Power Adapter
- Product CD
- GES-1100F

## Ordering Information

### • TF-GES-1100F-A10-01

Green Embedded System, Intel® Atom™ N270 CPU, VGA, DVI, 2 GbE LAN, 6 USB, 4 COM, 8-bit DIO, Audio, Rev. A1.0

## Optional Accessories

### • 1702031802

(TF) Power Cord, 3P-125V/10A 180D, 1.8M, USA

### • 1702031803

(TF) Power Cord, 3P-250V/10A 180D, 1.8M, Europe

### • 170203180E

(TF) Power Cord, 3P, 125V/7A 180D, 1.8M, Japan

### • IDE to CompactFlash™ Module

#### • 1701440306

(TF) IDE 44P to 44P 2.0mm

#### • 9686461700

(TF) IDE to CompactFlash™ Adapter