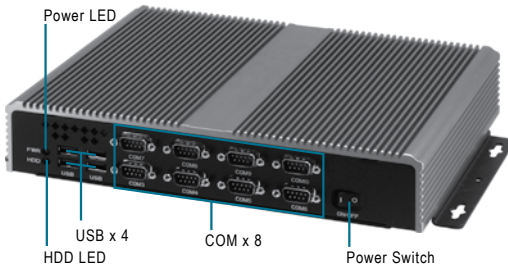
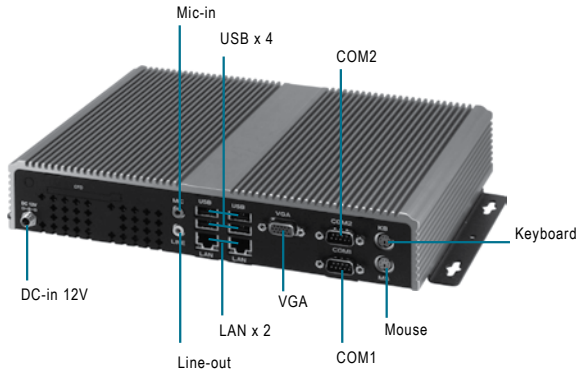


GES-2200F

Green Embedded System Controller with Intel® D510 Processor, 10 COM, Cost-Effective Solution

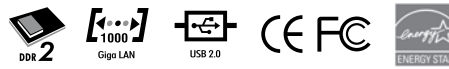
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Green Energy System - Green Embedded System



Features

- Compact Size, Fanless Platform
- Onboard Intel® Atom™ D510 Processor + ICH8M
- 200-Pin DDR2 667/800 DIMM x 2 (Up To 4 GB)
- Realtek RTL 8111C 10/100/1000Base-TX x 2
- Single View With VGA
- Internal 2.5" SATA 3.0Gb/s Hard Disk Drive Bay x 1
- Supports TPM1.2 (Optional)
- USB2.0 x 8, COM x 10
- Powered With 12V DC-in By DC Jack
- Industrial Grade Robust Chassis



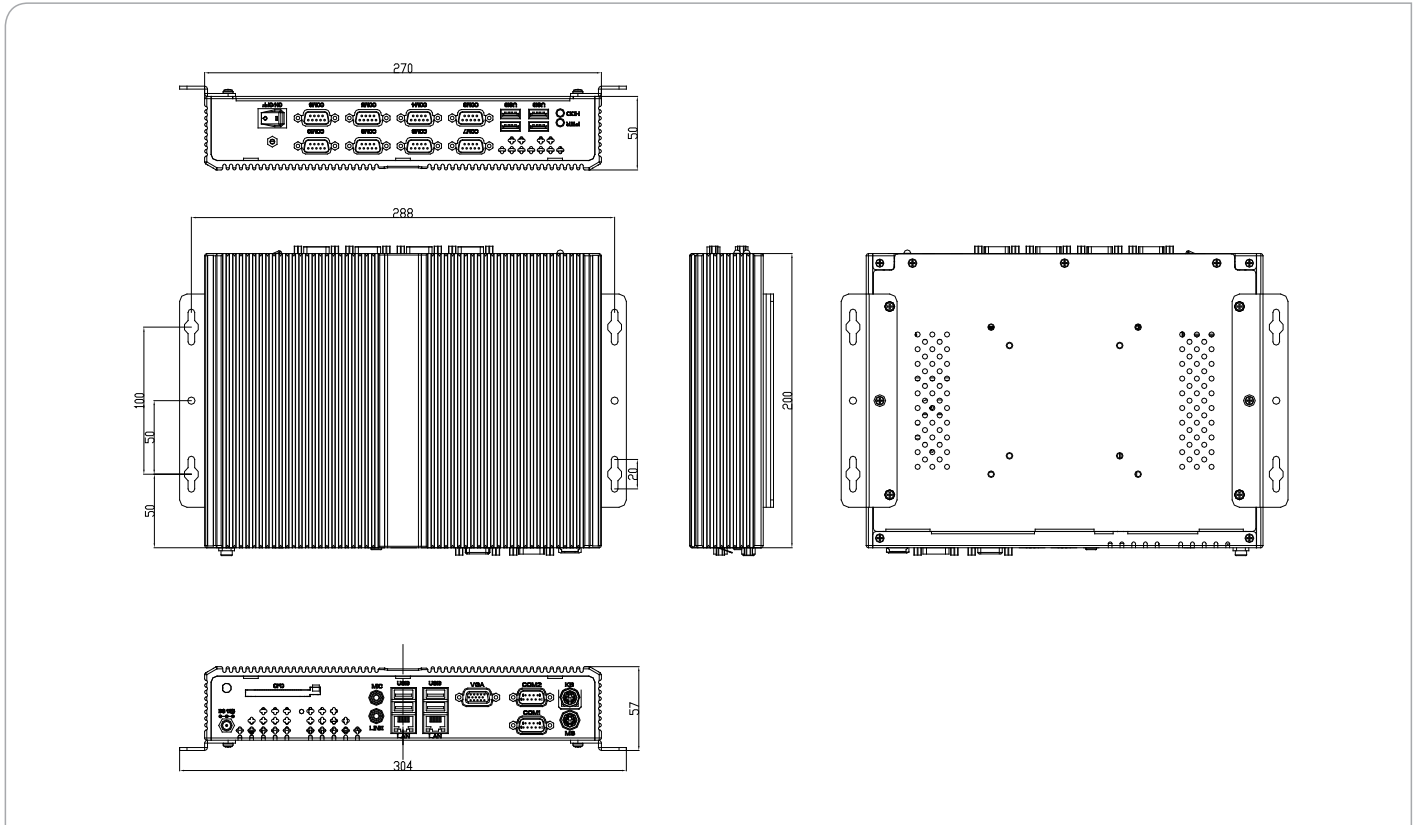
Specifications

CPU	Onboard Intel® Atom™ D510	
Chipset	Intel® Atom™ D510 + ICH8M	
System Memory	DDR2 667/800 DIMM x 2, Max. 4GB	
Display Interface	VGA	D-SUB 15 x 1
	DVI	—
	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 4
	LAN	—
	Serial port	RS-232 x 8
	DIO	8-bit Programmable
	Audio	—
	KB/MS	—
	Others	—
Rear I/O	USB Host	USB2.0 x 4
	LAN	RJ-45 x 2
	Serial port	RS-232 x 1, RS-232/422/485 x 1
	DIO	—
	Audio	Line-out, Mic-in
Expansion	KB/MS	Keyboard x 1, Mouse x 1
	Others	Power-in
	PCIe	—
	PCI	—
	Mini card	—
Indicator	Mini PCI	1
	Others	—
	Front	Power LED x 1, HDD LED x 1
	Rear	—
Power Requirement	AC/DC power adapter	
Power Consumption	40W	
System Cooling	Fanless	
Mounting	Desktop/Wallmount	
Operating Temperature	32°F ~ 122°F (0°C ~ 50°C)	
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	—	

GES-2200F

Dimension

Unit: mm



Certification	EMC	CE/FCC Class A
	Safety	—
Dimension (W x H x D)	10.63" x 1.97" x 7.87" (270mm x 50mm x 200mm)	
Gross Weight	8.8 lb (4 Kg)	
Note	Windows® XP, Windows® 7, Linux Support	

Packing List

- AC/DC Power Adapter
- Product CD
- GES-2200F

Ordering Information

- **TF-GES-2200F-A10**
Green Embedded System, Intel® Atom™ D510, 1 GB RAM, VGA, 2 Gigabit Ethernet, 8 USB, 10 COM, ATX Mode, Audio, Rev. A1.0

Optional Accessories

- **1702031803**
Power Cord, 3P-250V 10A 180D, 1.8M, VDE, FAN-JET, YP-22/YC-12
- **1702031802**
Power Cord, 3P-125V 10A 180D, 1.8M, USA, FANJET, YP12/YC-12
- **170203180E**
Power Cord, 3P, 125V/7A, 1.8M, PSE YP12/YC12 Certified
- **968966660G**
(TF) SATA to CompactFlash™ Bridge Board, LYCON, ST-123CF (Without Bracket)