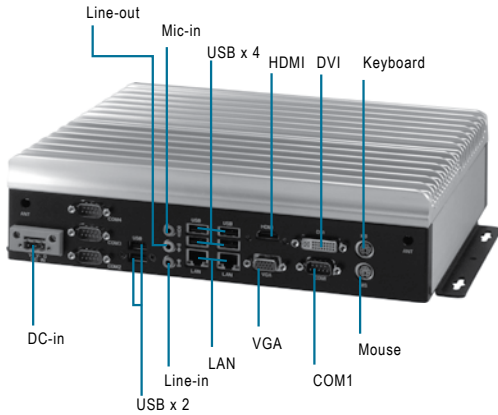
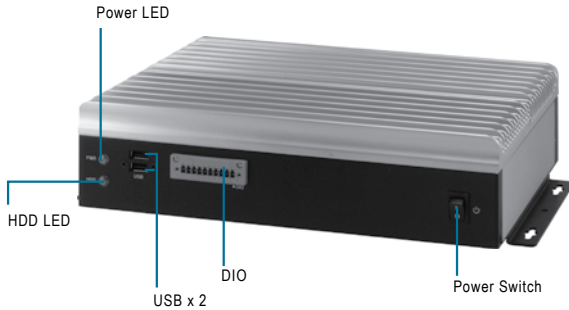


GES-5500F

Green Embedded System Controller with Intel® Core™ i7/i5/i3 Processor

01

Green Energy System - Green Embedded System



Features

- Intel® 32/45nm Core™ i7/i5/i3 rPGA988 CPUs With Graphic & Memory Controller
- Fanless Design CPU TDP < 35W, Intel® Core™ i7-620M and i5-520M
- 204-Pin Dual-Channel DDR3 800/1066MHz SODIMM x 2 (Up To 8 GB)
- Intel® Gen 6.0 Integrated Graphics Engine Supports Multiple Displays with VGA, DVI, HDMI
- Intel® 10/100/1000Base-TX x 2 (Support Intel® AMT 6.0)
- USB2.0 x 8, COM x 4
- Internal 2.5" SATA 3.0Gb/s Hard Disk Drive Bay x 1
- Industrial Grade Robust Chassis, Fanless Design
- Wide DC Power Input : 10V DC ~ 30V DC



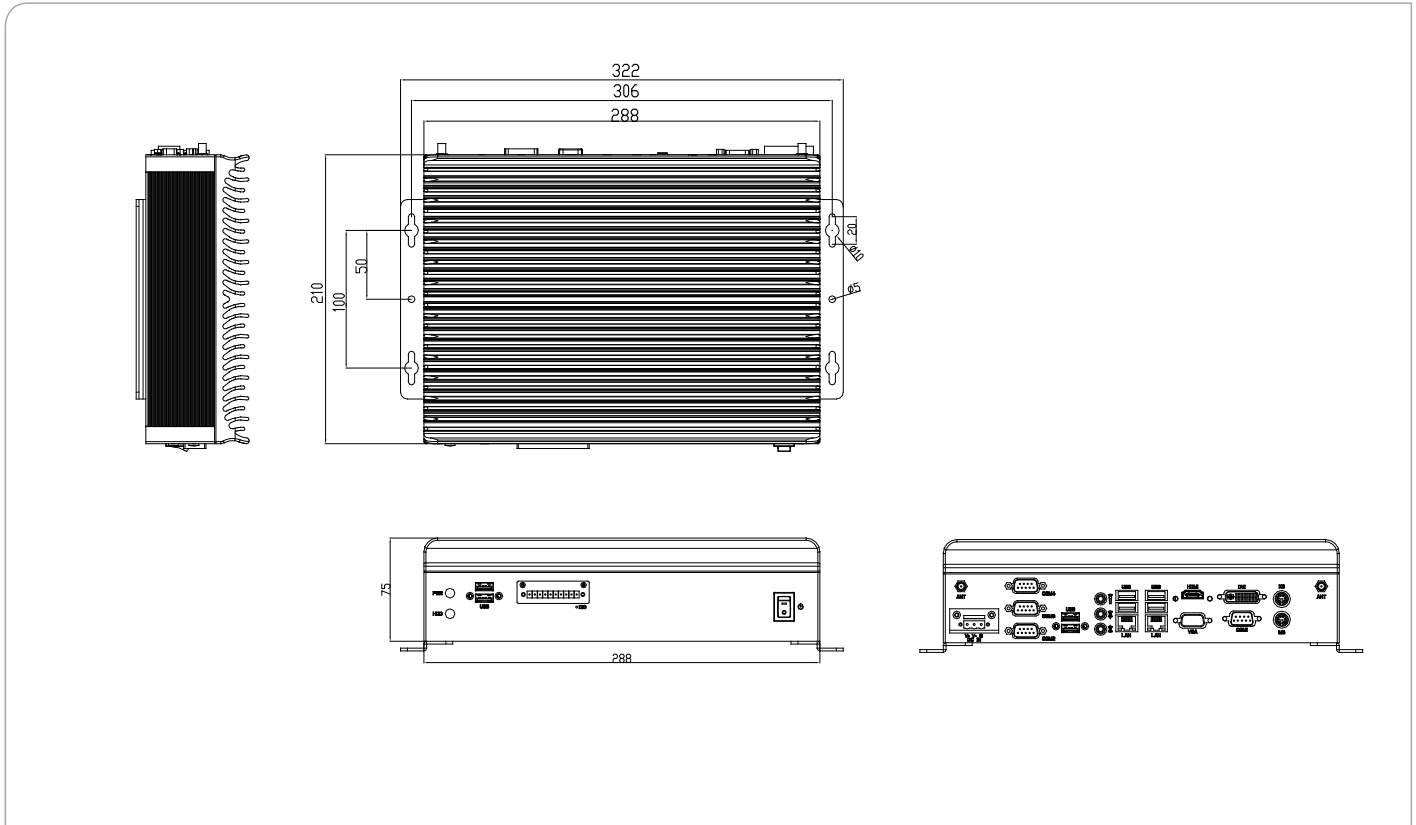
Specifications

CPU	Intel® Core™ i7/i5/i3	
Chipset	Intel® Core™ i7/i5/i3 + QM57	
System Memory	DDR3 SODIMM 800/1066 x 2, Max. 8GB	
Display Interface	VGA	D-SUB 15 x 1
	DVI	DVI-D x 1
	Others	HDMI x 1
Storage Device	SSD	CompactFlash™ x 1 (optional)
	HDD	2.5" SATA HDD x 1
Network	LAN	10/100/1000Base-TX x 2
	Wireless	Mini-PCIe module x 1
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 6
	LAN	RJ-45 x 2
	Serial port	RS-232 x 3, RS-232/422/485 x 1
	DIO	—
	Audio	Line-in, Line-out, Mic-in
	KB/MS	Keyboard x 1, Mouse x 1
Expansion	Others	Power-in
	PCIe	—
	PCI	—
	Mini card	1
	Mini PCI	—
Indicator	Front	Power LED x 1, HDD LED x 1
	Rear	—
Power Requirement	AC/DC power adapter	
Power Consumption	70W	
System Cooling	Fanless	
Mounting	Desktop/Wallmount	
Operating Temperature	32°F ~ 113°F (0°C ~ 45°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	—	
Certification	EMC	CE/FCC Class A
	Safety	—

GES-5500F

Dimension

Unit: mm



Dimension (W x H x D)	11.22" x 8.27" x 2.95" (285mm x 210mm x 75mm)
Gross Weight	11.16 lb (5.1 kg)
Note	Windows® XP, Windows® 7, Linux Support

Packing List

- Product CD
- GES-5500F

Ordering Information

• TF-GES-5500F-A10

Green Embedded System, Intel® QM57 Chipset, VGA, DVI, HDMI, 2 Gigabit Ethernet, 8 USB, 4 COM, Audio, Rev.A1.0

Optional Accessories

• 1757908401

(TF) Adapter, AC, 100/240V, 12V/7A, 84W, FSP, FSP 084-DMAA1