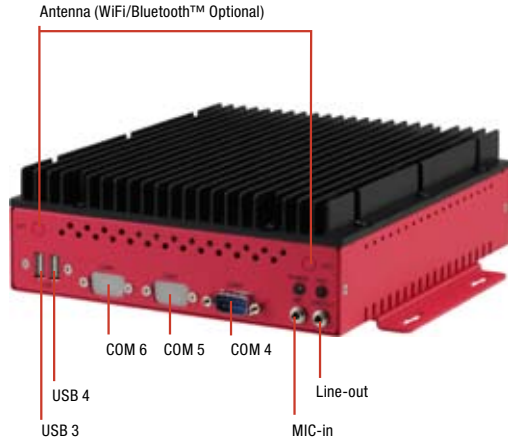


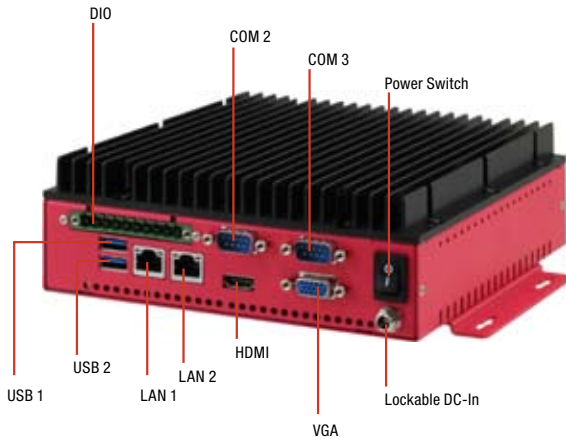
# TKS-G21-QM77

Fanless Embedded Box for Intel® 3rd Generation Core™ i7/i3/Celeron® Mobile Processor

Front View



Rear View



## Features

- Intel® 3rd Generation Core™ i7/i3/Celeron® Mobile Processor
- Intel® QM77/HM76
- SODIMM DDR3 1333/1600, Max. 8 GB
- Fanless System
- Gigabit Ethernet x 2, CRT, HDMI
- SATA 6.0Gb/s x 2, CFast™ x 1
- USB3.0 x 2, USB2.0 x 2, COM x 4, 8-bit Digital I/O, Mini Card x 1
- +12V Only Operation
- Support Hi-Safe and Hi-Management (iAMT)\*



## Specifications

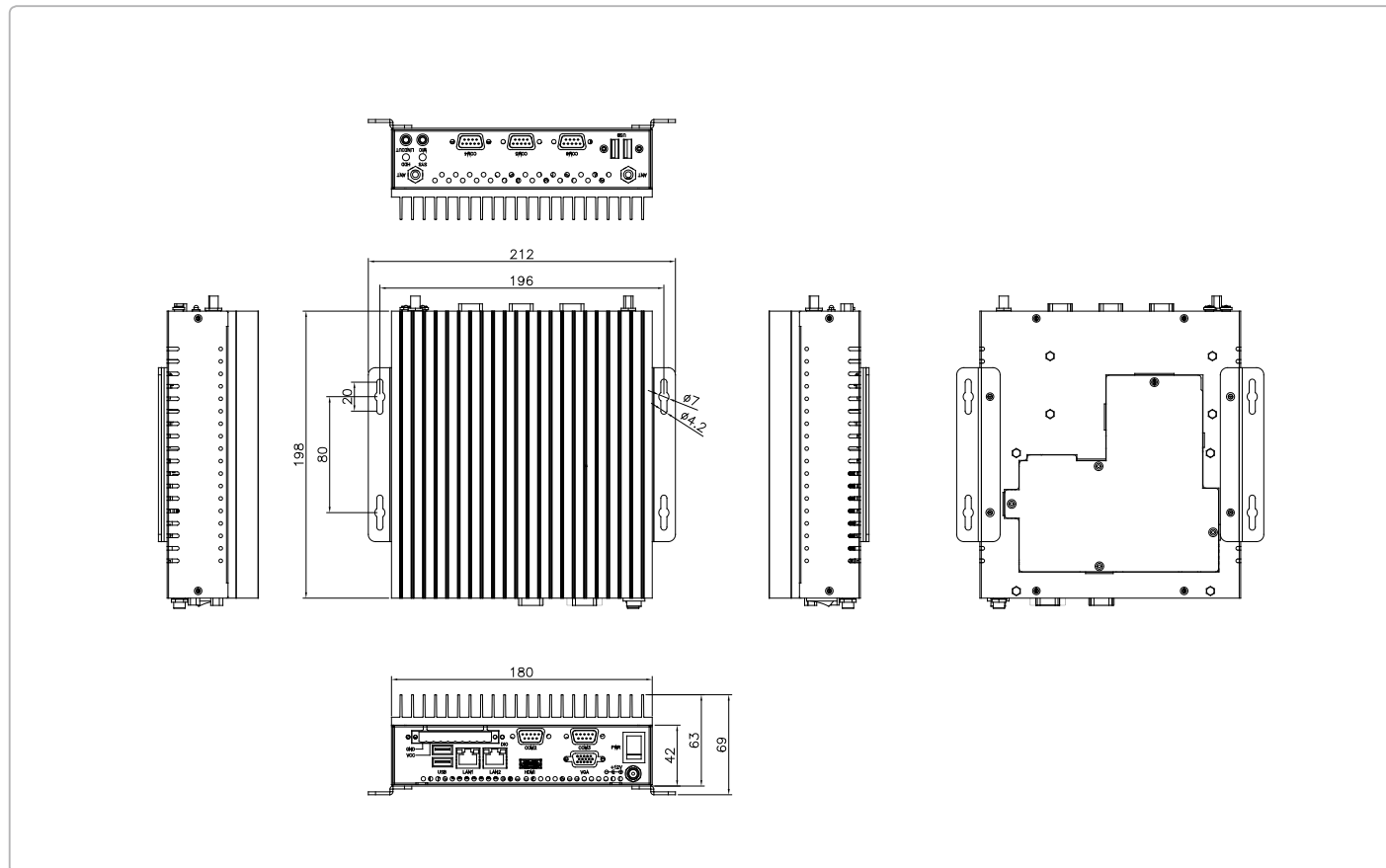
CPU	Intel® Core™ i7/i3/Celeron BGA processor Intel® Core™ i7-3555LE 2.5 GHz, Intel® Celeron® 847E 1.1GHz
Chipset	Intel® QM77/HM76
System Memory	204-pin DDR3 SODIMM x1, Max. 8 GB
Display Interface	VGA DB-15 x1
	DVI —
	HDMI HDMI x1
	Others —
Storage Device	SSD 2.5" SSD x 1 (option)
	HDD 2.5" SATA HDD bay x 1
Network	LAN Gigabit Ethernet, RJ-45 x 2
	Wireless Optional by Mini Card
Front I/O	USB Host USB 2.0 x 2
	Serial Port RS-232 x 1
	Audio Mic-in, Line out
	Others Power & HDD indicator LED x 2, antenna hole x 2
Rear I/O	USB Host USB 3.0 x 2
	LAN Gigabit Ethernet, RJ-45 x 2
	Serial Port RS-232 x 2 ( COM2: RS-232/422/485)
	DIO DIO 8 bits with VCC and Ground
	Others Power On/Off Switch x 1, Power DC-in, VGA x1, HDMI x1
Indicator	Mini Card x 1
	Others CFast™ x 1
	Front Power LED x 1, Hard Disk Drive active LED x 1
Rear —	
Power Requirement	DC-in +12V ATX with DC jack, lockable
Power Consumption	Intel® Core™ i7-3555LE 2.5 GHz, DDR3 1333 8G 2.49A@+12V
System Cooling	Fanless
<b>Mechanical</b>	
Mounting	Wallmount (optional)
Dimension	7.79" x 7.08" x 2.48" (198mm x 180mm x 63mm)
Gross Weight	4.85lb (2.2 Kg)
Net Weight	4.23lb (1.92 Kg)
Certification	EMC CE/FCC Class A
	Safety —
<b>Environmental</b>	
Operation Temperature	32°F ~ 122°F (0°C ~ 50°C)
Storage Temperature	-40 °F ~ 176 °F (-40 °C ~ 80 °C)
Operation Humidity	0% ~ 90% relative humidity, non-condensing
Anti-Vibration	1g rms/5 ~ 500Hz/operation – SSD
Anti-Shock	20g peak acceleration (11 msec. duration) – SSD
MTBF	—
OS support	Windows® XP Embedded, Windows® XP, Windows® 7, Windows® 8, Linux Fedora
Others	Hi-Safe and Hi-Management (iAMT) *

Remark: \* Hi-Management (iAMT) support i7 and QM77 only

# TKS-G21-QM77

## Dimension

Unit: mm



## Ordering Information

Part Number	CPU	RAM	Storage	Display	LAN	USB	RS-232	RS-232/422/485	Expansion Slot	Mounting	Power
TBD	Intel® Core™ i7-3555LE 2.5 GHz	SODIMM DDR3 1333MHz up	2.5" SATA HDD, mSATA	HDMI, VGA	2	4	2	1	Mini Card, CFast™	Wallmount	+12V, ATX

## Packing List

- Product CD
- TKS-G21-QM77

## Optional Accessories

- **1702031802**  
Power Cord (US Type)
- **1702031803**  
Power Cord (European Type)
- **170203180E**  
Power Cord (Japanese Type)
- **9761G21000**  
Wallmount Kit
- **1757908403**  
84W Adaptor AC 100/240V 12V/7A