

ACS10-TGU

11th Gen Intel® Tiger Lake Fanless Compact System



Specification

System Information

Processor	Intel® Core™ i5-1135G7 (TDP 15W) (Default) Intel® Core™ i3-1115G4 (TDP 15W) (Default) Intel® Core™ i7-1165G7 (TDP 15W) (Project Based) Intel® Core™ i7-1185G7E (TDP 15W) (Project Based) Intel® Core™ i5-1145G7 (TDP 15W) (Project Based) Intel® Celeron 6305E (TDP 15W) (Project Based)
------------------	---

System Memory	Single 260-Pin SO-DIMM Socket, Max. Up to 32GB DDR4 3200MHz
----------------------	---

BIOS Information	AMI uEFI BIOS, 256Mbit SPI Flash ROM
-------------------------	--------------------------------------

Watchdog Timer	H/W Reset, 1sec. - 65535sec./min.1sec. or 1min. step
-----------------------	--

H/W Status Monitor	CPU temperature monitoring and voltage monitoring
---------------------------	---

TPM	TPM 2.0
------------	---------

SBC	ECM-TGUC
------------	----------

Expansion

M.2	1 x M.2 Key-E 2230 (PCIe, USB 2.0) 1 x M.2 Key-M 2280 NVMe (PCIe Gen4 x 4)
------------	---

Storage

M.2	1 x M.2 Key-B 2242 (SATA3) 1 x M.2 Key-M 2280 NVMe (PCIe Gen4 x 4)
------------	---

Front I/O

COM Port	1 x RS-232/422/485 (Default RS-232) 1 x RS-232
-----------------	---

Audio	1 x Line-Out 1 x Mic-In
--------------	----------------------------

Power Button	1 x Power Button w/LED
---------------------	------------------------

Rear I/O

USB Port	3 x USB 3.2 Gen.2 3 x USB 2.0
-----------------	----------------------------------

COM Port	1 x RS-232/422/485 (Default RS-232) 1 x RS-232
-----------------	---

DP	2 x DP++
-----------	----------

Audio	1 x Line-Out 1 x Mic-In
--------------	----------------------------

LAN Port	2 x RJ-45
LED Indicator	1 x Power On/Off 1 x Storage Access
Antenna	2 x Antenna Mounting with Dust Protection Cover
AC/DC Input	Lockable DC Jack
Left I/O	
Antenna	2 x Antenna Mounting with Dust Protection Cover
Right I/O	
Antenna	2 x Antenna Mounting with Dust Protection Cover
Display	
Graphic Chipset	Intel® Iris® Xe Graphics (i7-1165G7/ i5-1135G7) Intel® UHD Graphics for 11th Gen Intel® Processors (i3-1115G4)
Resolution	DP++ 1.4: 4096x2304@60Hz
Audio	
Audio Codec	RealTek ALC888S-VD2-GR
Ethernet	
LAN Chipset	Intel® Ethernet Connection I219-LM (1G) Intel® Ethernet Controller I225-V (2.5G)
Specification	10/100/1000 Gigabit (I219-LM) 10/100/1000/2500 Gigabit (I225-V)
Power Requirement	
ACPI	Single power ATX Support S0, S3, S4, S5 ACPI 5.0 Compliant
Power Mode	AT/ATX (ATX is default setting)
Adapter	AC to DC Adapter 60W
Mechanical & Environment	
Operating Temp.	With wide-temp storage: 0°C ~ 50°C (32°F ~ 122°F) with 0.5m/s air flow With general storage: 0°C ~ 40°C (32°F ~ 122°F) with 0.5m/s air flow
Storage Temp.	-40°C ~ 75°C (-40°F ~ 167°F)
Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing
Dimension (W*L*H)	188mm x 120mm x 48mm
Weight	835g
Vibration Test	with SSD: 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
Shock Test	IEC 60068-2-27, Half Sine, 11ms
Drop Test	ISTA 2A, IEC-60068-2-32 Test : Ed, 1 Corner, 3 Edges, 6 Faces
Mounting Kit	Wall Mount Kit
Software Support	
OS Information	Win11 64bits, Win10, Linux

Certification**Certification Information** CE, FCC Class A, UKCA**In-Box Accessory****Accessory** 1 x AC to DC Adapter, 1 x Wall Mount, 4 x Rubber Fools, 1 x Screw Kit