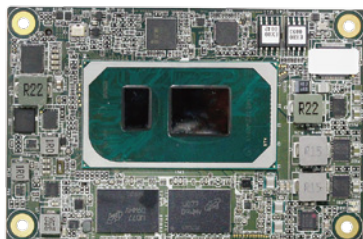


ACM-TGLUE0

Intel Core i COM Express Type 10 Module



Specification

System

CPU	Intel® 11 th Core™ I Processor
Chipset	SoC
Memory	Onboard LPDDR4 4266 memory 16GB In-band ECC supported by SoC
BIOS	AMI
WatchDog Timer	Software programmable 0~255 sec

Video(Support by Carrier Board)

Graphic Controller	Intel® Irix XE Graphic Intel® UHD Graphics for 11th Gen processor
Video Interface	1 x eDP 1 x DDI port

Storage (Support by Carrier Board)

SATA	2 x SATA III with 6Gb/s
Storage	Onboard PCIe NVMe SSD 64GB

I/O (Support by Carrier Board)

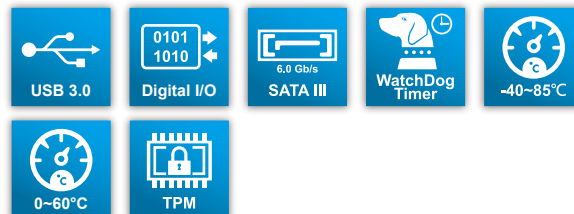
Ethernet Chip	1 x Intel I225LM GbE Lan, supports PXE Boot
Expansion Interface	4 x PCI-e 3.0 Lanes • 4 x PCI-e 3.0 x1
Serial Interface	2 x COM port Interface (TX/RX only)
USB	2 x USB 3.2 Gen2, 8 x USB 2.0
GPIO	8-bit Digital I/O
Audio Codec	High Definition Audio interface

Software

OS Support	Windows 10 / Linux
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Features

- 11th Generation Intel® Core™ Processor Family (formerly Tiger Lake UP3)
- Onboard LPDDR4x Memory 16 GB
- 2.5 Gigabit Ethernet x 1
- eDP x 1, DDI x 1
- High Definition Audio Interface
- SATA3.0 x 2, onboard PCIe SSD 64GB
- USB 2.0 x 8, USB 3.2/2.0 x 2 (up to USB 3.2 Gen 2 support)
- 4 x PCI-Express x 1
- COM Express Type 10, Mini Size, 84 mm x 55 mm



Mechanical & Environment

Dimension	84 mm x 55 mm (3.31" x 2.17") COM Express type 10
Weight	TBD
Operating Temp.	0~60oC (32~140oF)
Storage Temp	-20~70oC (-4~158oF)
Relative Humidity	0 to 90%, non-condensing
Safety	CE, FCC compliant

Packing List

- 1 x ACM-TGLUE0
- 1 x CD Title
- 1 x Quick Guide
- CPU cooler.84*55*18 mm.Black.
- Heat Spreader.84x55x11mm.Black.

Ordering Information

ACM-TGLUE0-A0	Intel 11 th core i7-1185GRE(-40°C~85°C)
ACM-TGLUE0-A1	Intel 11 th core i7-1187G7E (0°C ~ 60°C)
ACM-TGLUE0-A2	Intel 11 th core i5-1145G7E (0°C ~ 60°C)
ACM-TGLUE0-A3	Intel 11 th core i3-1115G4E (0°C ~ 60°C)

CPU Support

CPU	Core/Thread	Base Frequency/Turbo	TDP	Graphic	In-band ECC	Operating Temp
i7-1185G7E	4/8	1.8GHz/4.4GHz	15W (UP to 28W)	Intel®Iris® Xe Graphics	No	Commercial Temp
i5-1145G7E	4/8	1.5GHz/4.1GHz		Intel®Iris® Xe Graphics	No	Commercial Temp
i3-1115G7E	2/4	2.2GHz/3.9GHz		Intel®UHD Graphics	No	Commercial Temp
i7-1185G7E	4/8	1.8GHz/4.4GHz		Intel®Iris® Xe Graphics	Yes	Embedded/Industrial Extended Temp.
i5-1145G7E	4/8	1.5GHz/4.1GHz		Intel®Iris® Xe Graphics	Yes	Embedded/Industrial Extended Temp.
i3-1115G7E	2/4	2.2GHz/3.9GHz	15W	Intel®UHD Graphics	Yes	Embedded/Industrial Extended Temp.
Celeron 6305E	2/2	1.8GHz/...		Intel®UHD Graphics	No	Commercial Temp

Optional Accessories

- COMe Type 6/10.Carrier Board.ATX.GbE.8USB, 2COM.4SATA.PCIe. AT/ATX.Rev. A1.1