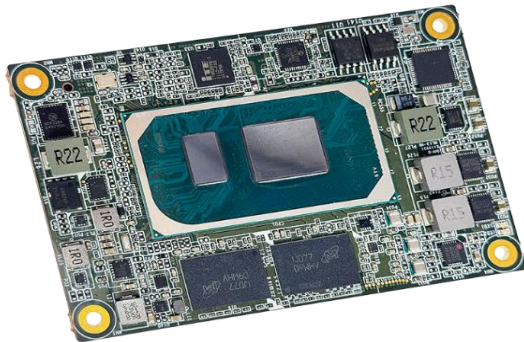


ACM-TGLUE0

COM Express Type 10 Module with
11th Gen Intel® Core™ i3/i5/i7



Features

- 11th Gen Intel® Core™ i3/i5/i7 Processor (formerly Tiger Lake UP3)
- Onboard LPDDR4 up to 16 GB
- 1 x 2.5 GbE Ethernet
- 1 x eDP, 1 x DP
- High Definition Audio Interface
- 2 x SATA 3.0, onboard PCIe SSD 64 GB up to 128 GB
- 8 x USB 2.0, 2 x USB 3.2
- 4 x PCIe x1
- COM Express Type 10, Mini Size, 84 x 55 mm

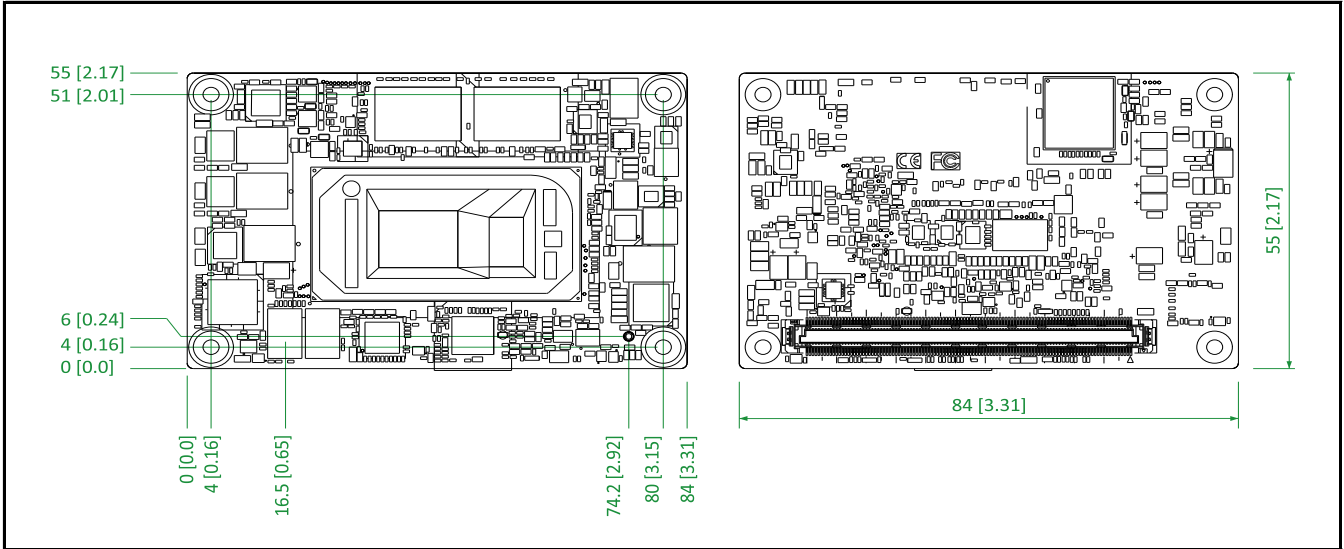
Specifications

System	
CPU	11th Intel® Core™ i3/i5/i7 Processor
Chipset	SoC
Memory	Onboard LPDDR4 up to 16 GB
BIOS	AMI
WatchDog Timer	Software programmable 0 ~ 255 sec.
Video (Support by Carrier Board)	
Graphic Controller	Intel® UHD Graphics for 11th Gen processor
Video Interface	1 x eDP 1 x DP
Storage (Support by Carrier Board)	
SATA	2 x SATA III with 6 Gb/s
Storage	Onboard PCIe NVMe SSD 64 GB up to 128 GB
I/O (Support by Carrier Board)	
Ethernet Chip	1 x Intel® I225LM GbE LAN 1 x RJ45 Intel® I225-LM/IT 2.5 GbE
Expansion Interface	4 x PCIe 3.0 x1 1 x LPC
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

Power Supply	
Power Requirement	+12 V and +5 VSB for ATX, +12 for AT
Power Consumption	Intel® Core™ i7-1185G7E, 2.75A @+12V (Typical)
Power Type	AT/ATX
Software	
OS Support	Windows 10 (64bit), Linux Ubuntu 20.04, Kernel 5.13.0
Environment & Mechanical	
Dimension	84 x 55 mm (3.31" x 2.17")
Weight	0.07 kg
Operating Temperature	0 ~ 60 °C (32 ~ 140 °F) -40 ~ 85 °C (-40 ~ 185 °F) (ACM-TGLUE0-A0)
Storage Temperature	-40 ~ 85 °C (-40 ~ 185 °F)
Relative Humidity	0% ~ 90%, non-condensing
Safety	CE, FCC compliant

Dimension

Unit: mm / inch



Ordering Information

Packing List

1 x ACM-TGLUE0

Part Number

ACM-TGLUE0-A0	11th Intel® core i7-1185GRE (40 ~ 85 °C), DDR4 16 GB, NVMe 128 GB
ACM-TGLUE0-A1	11th Intel® core i7-1187G7E (0 ~ 60 °C), DDR4 16 GB, NVMe 64 GB
ACM-TGLUE0-A2	11th Intel® core i5-1145G7E (0 ~ 60 °C), DDR4 16 GB, NVMe 64 GB
ACM-TGLUE0-A3	11th Intel® core i3-1115G4E (0 ~ 60 °C), DDR4 8 GB, NVMe 64 GB

Optional Accessories

Part Number / Item

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

CPU cooler. 84 x 55 x 18 mm. Black.

Heat Spreader. 84 x 55 x 11 mm. Black.