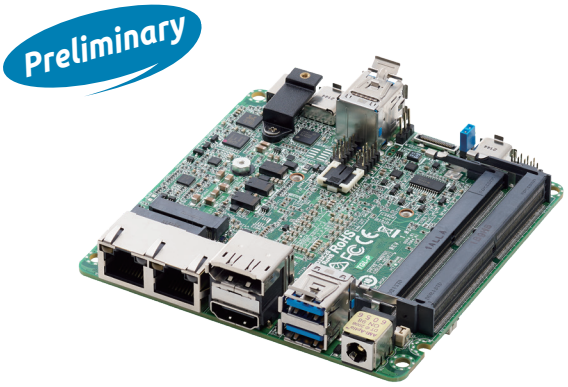
ADLINK
LEADING EDGE COMPUTING

SBC4x4-TGL

4x4" Single Board Computer with 11th Gen Intel® Core™ i7/i5/i3 Processor

Features

- 2x 260-pin SO-DIMM DDR4 3200MHz up to 64GB (32GB per DIMM)
- 1x USB4/Thunderbolt™4, 5x USB3.2 Gen2, 2x USB2.0, 1x M.2 Key M, 1x M.2 Key E, 1x COM, 1x SATA3
- 1x Intel 1 Gigabit LAN, 1x Intel 2.5 Gigabit LAN
- Supports Quad display, 1x HDMI 2.0a, 3x DP 1.4 (2 from Type-C)
- TPM 2.0 onboard IC
- 12V to 19V DC in



Windows

Ordering Information

PN	Model Name	CPU	Memory	DP	HDMI	LAN	COM	SATA	USB2.0	USB3.2	M.2	Audio	TPM
92-97197-000P	SBC4x4-TGL	i7-1185G7E	DDR4 SO-DIMM 3200 MHz	1	1	2	1	1	2	4	2	1	2.0
92-97197-100P	SBC4x4-TGL	i5-1145G7E	DDR4 SO-DIMM 3200 MHz	1	1	2	1	1	2	4	2	1	2.0
92-97197-200P	SBC4x4-TGL	i3-1115G4E	DDR4 SO-DIMM 3200 MHz	1	1	2	1	1	2	4	2	1	2.0

Packing List

PN	Description	QTY
92-97197-XXXX	SBC4x4-TGL	1

Optional Accessories

PN	Description
31-62137-0000	90W AC/DC power adapter
29-E0210-2000	Wi-Fi/BT M.2 Card Intel,AX210.NGWGII.NV
95-35400-4100	ASDEM8EDE-128GT0 NVMe SSD
95-35400-5100	ASDEM8EDE-256GT0 NVMe SSD
95-35400-6100	ASDEM8EDE-512GT0 NVMe SSD

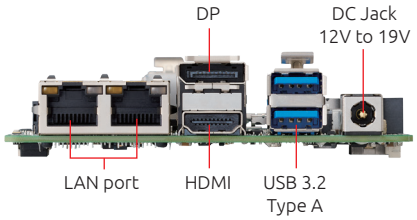
LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

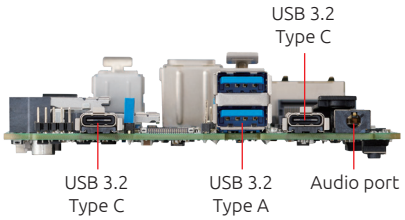
Specifications

Model	SBC4x4-TGL
Processor System	
CPU	i7-1185G7E (Max Speed up to 4.4GHz) i5-1145G7E (Max Speed up to 4.1GHz) i3-1115G4E (Max Speed up to 3.9GHz)
Memory	2x 260-pin SO-DIMM, Dual Channel DDR4 3200 MHz, up to 64GB (32 GB per DIMM)
OS Support	Windows® 10/11 (64-bit) or Ubuntu 20.04
Display	
HDMI	1x HDMI 2.0a (rear)
DisplayPort	1x DisplayPort 1.4, DP++ (rear)
Ethernet	
Gbe Port	2
Controller/ Frequency	i7-1185G7E, i5-1145G7E: LAN1: Intel® I219LM with 10/100/1000 Mbps, supports vPro LAN2: Intel® I225LM/I225V with 10/100/1000/2500 Mbps i3-1115G4E: LAN1: Intel® I219V with 10/100/1000 Mbps LAN2: Intel® I225LM/I225V with 10/100/1000/2500 Mbps
I/O Interfaces	
USB	2x USB 3.2 Gen2 (Type-A) with one lockable (front) 2x USB 3.2 Gen2 (Type-A) with one lockable (rear) 1x USB4/Thunderbolt™ 4 (Supports DP1.4 display output) 1x USB 3.2 Gen2 (Type-C, supports DP1.4 display output) 2x USB 2.0 (1x 2.00 pitch header) (internal connector)
COM	1x COM(RS-232)
Serial ATA	1x SATA3.0(6.0Gb/s)
Audio	1 (headphone & microphone jack) Realtek ALC233/ALC256, High Definition Audio
Expansion Slots	1x M.2(KEY M, 2242/2260/2280) with PCIe Gen4x4 and SATA3 for SSD 1x M.2 (Key E, 2230) with PCIe x1
TPM	TPM 2.0 onboard IC
DC Jack	1x DC Jack
Mechanical and Environment	
Form Factor	3.5" Single Board Computer
Dimension	4.09” x 4.02” (104 mm x 102 cm)
Power Supply	12V to 19V DC-In Jack
Operating Temperature	-20 to 50 °C (with fan)
Storage Temperature	-40°C to 85°C
Certification	
EMC	CE & FCC Class B
ESD	Contact +/-4 KV, Air +/-8 KV

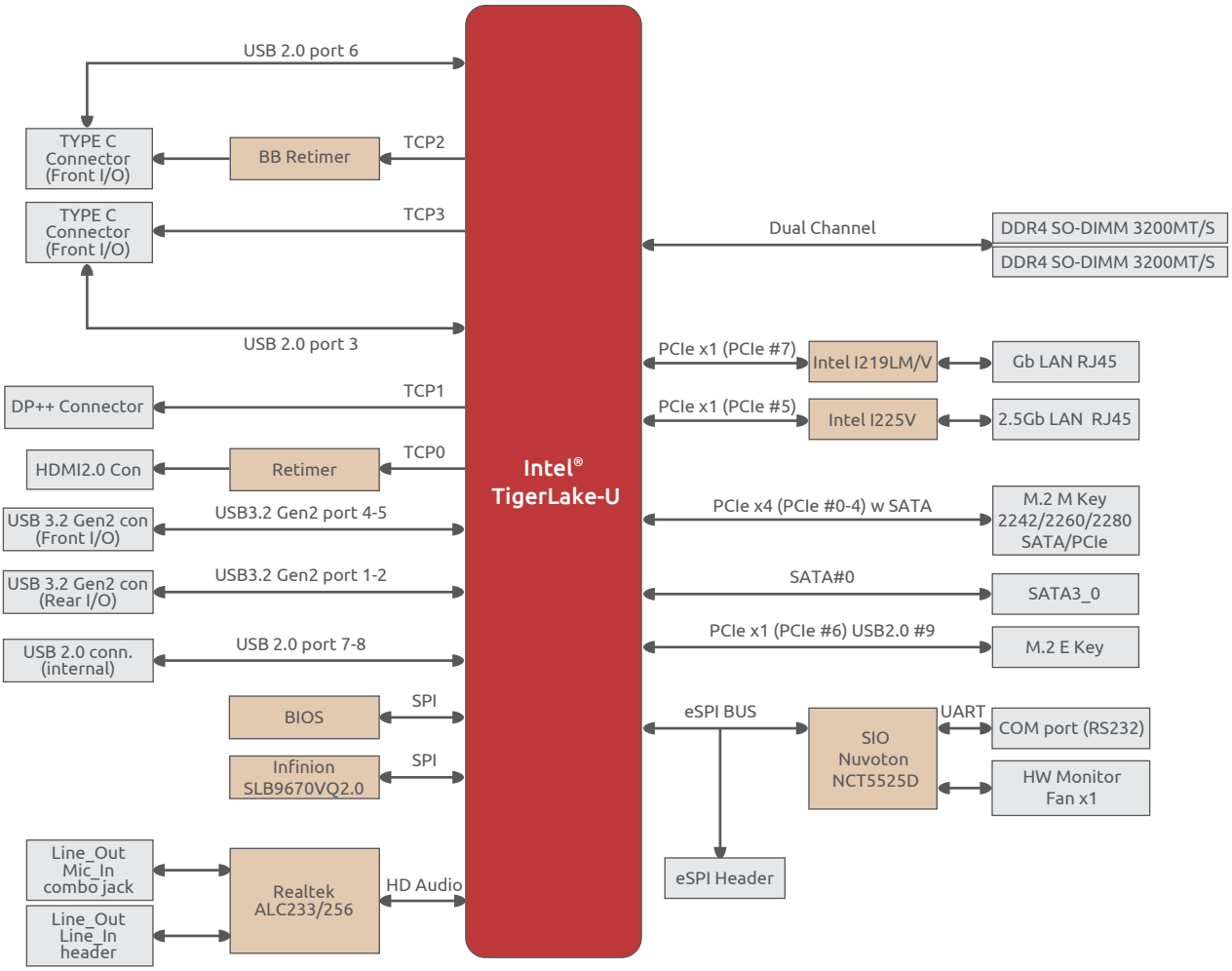
Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

Product Illustration





Block Diagram



All products and company names listed are trademarks or trade names of their respective companies. Updated Dec. 27, 2024. ©2024 ADLINK Technology, Inc. All Rights Reserved. All pricing and specifications are subject to change without further notice.

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000