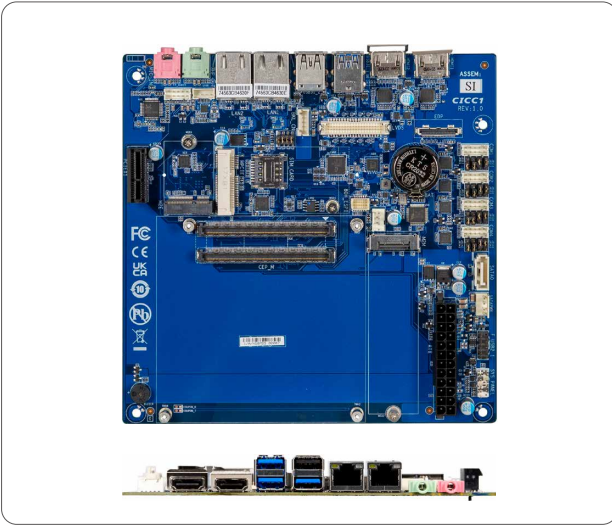


E6-EVBA (CICC1)

COM Express Type 6 Evaluation board



Features

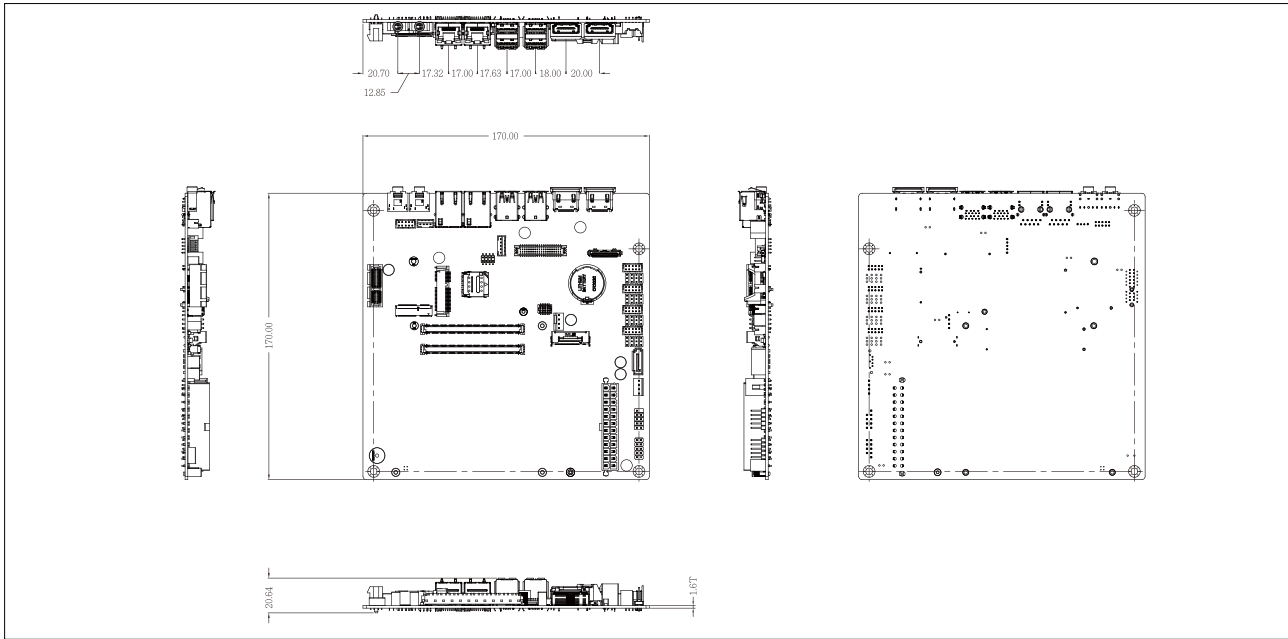
- Mini ITX Form Factor
- PICMG COM Express® R3.0 Type 6 pinout compatible
- HDMI, eDP, LVDS ports for multiple display
- 2 x GbE LAN Ports
- 1 x PCIe x1 (Gen 3x1) expansion slot
- 4 x COM Ports (RS-232/422/485 & RI/5V/12V)
- 3 x USB 2.0
- 3 x USB 3.2 Gen 1

Specifications

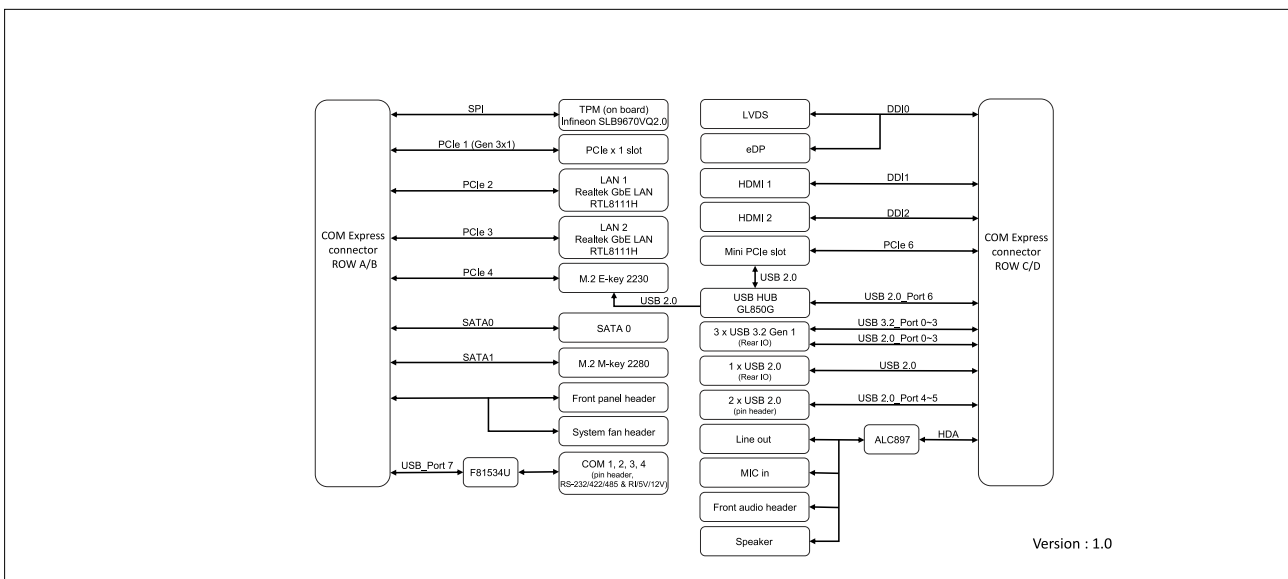
Form Factor	Mini-ITX 170W x 170D (mm)
Compatible models	PICMG COM Express® R3.0 Type 6 pinout compatible Support module as follows: CE6-6412A
Ethernet	2 x GbE LAN Ports (Realtek® RTL8111H)
Graphics	Integrated Graphics Processor: 2 x HDMI 2.0 port, supporting a maximum resolution of 4096x2160 @60Hz 1 x LVDS port, supporting a maximum resolution of 1920x1200 @60Hz 1 x eDP port, supporting a maximum resolution of 3840x2160 @60Hz * eDP connector is alternative with LVDS port, only one can be worked at the same time (3 independent display outputs)
Audio	Realtek® ALC897
Storage	1 x SATA 6Gb/s Port
Expansion Slots	1 x PCIe x1 (Gen 3x1) 1 x 2280 M.2 M-Key (SATA 6Gb/s) 1 x 2230 M.2 E-Key (PCIe x1, USB 2.0) 1 x Full-size Mini PCIe with SIM slot
Internal I/O	1 x 24 pin ATX main power connector 1 x SATA Power connector 1 x System fan header 1 x Front panel header 1 x Front panel audio header 4 x COM headers (RS-232/422/485 & RI/5V/12V) 1 x Backlight Control header 1 x Speaker out header 2 x USB 2.0 headers 1 x Buzzer
Rear I/O	2 x Audio Jacks (Line out, Mic in) 2 x HDMI 2 x RJ45 LAN Ports 3 x USB 3.2 Gen 1 1 x USB 2.0

OS Compatibility	Windows 10 (x64)
Operating Properties	Operating temperature: 0°C to 60°C Operating humidity: 0-90% (non-condensing) Non-operating temperature: -40°C to 85°C Non-operating humidity: 0%-95% (non-condensing)
Packing Content	Carton size: 465 x 351 x 217 (mm) Packing Capacity: 10pcs Single Box size: 221 x 178 x 65 (mm) Including: IO Shield x 1 (P/N: 12AIO-CICC10-00R) SATA Cable x 1 (P/N: 12CF1-2SAT1B-01R)
Order Information	9CICC1MR-SI (Box packing)

GIGAIPC reserves the right to modify or change technical data without prior notice.



Block Diagram



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