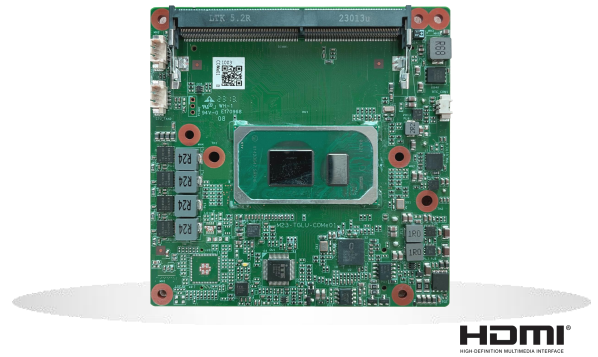


COMe Specification

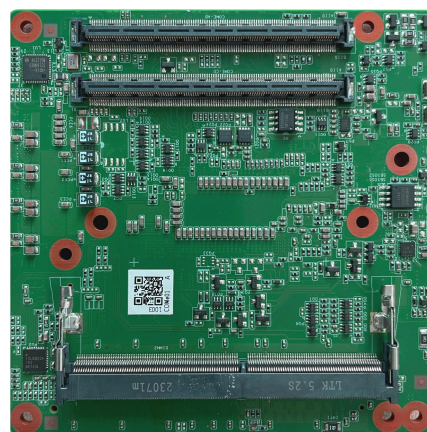
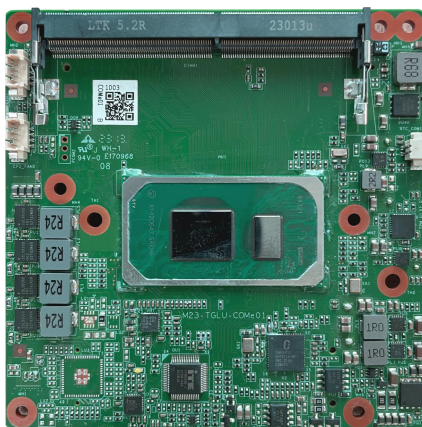


Overview

Decenta COMe Compact Module features powerful computing capability for a wide range of medical applications such as ultrasound, endoscopy, MRI and CT. The modular design allows for easy upgrades and enhancements, simplifying the workload for medical device manufacturers and thus increasing the competitiveness of their products.

- Support 11th Gen Intel® Core™ i7/i5/i3 Processor.
- 2x DDR4 3200MHz SO-DIMM Memory, Dual channel.
- Rich display interfaces with eDP 4K@60Hz, DP 5K@60Hz, HDMI® 4K@60Hz and VGA 1080p@60Hz.
- Excellent image processing and flexible expansion capability.
- Support watchdog timer.

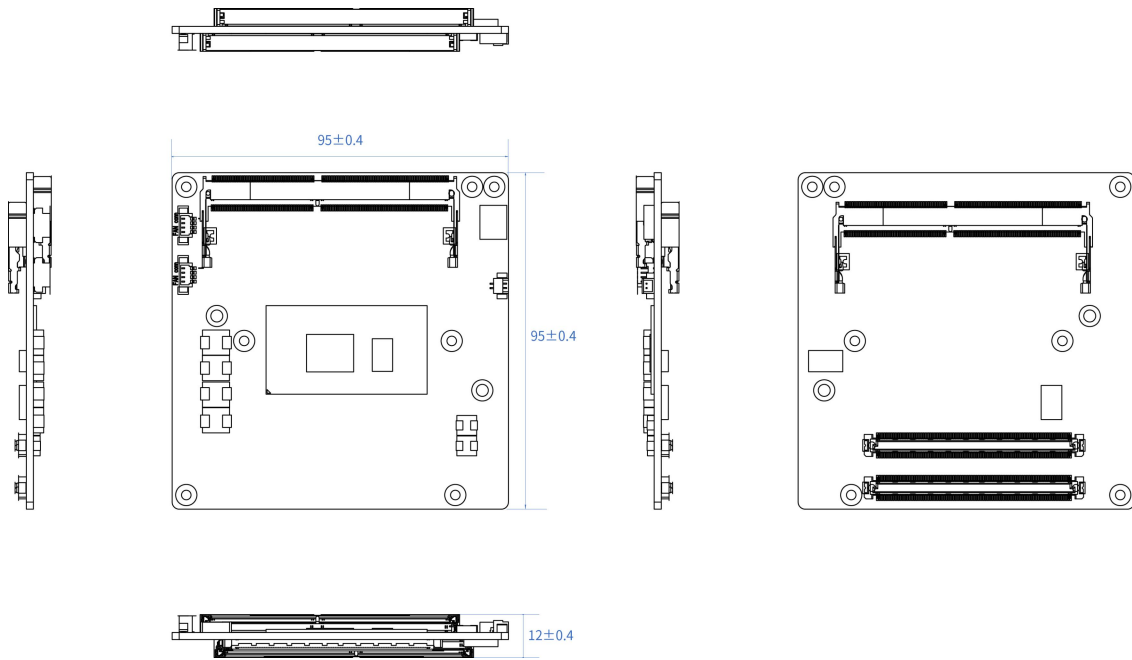
I/O Overview



Specifications

Model		M23-TGLU-COMe01	
Processor		11th Gen Intel® Core™ i7/i5/i3 Processor	
Memory	Type	2x DDR4 3200MHz SO-DIMM Memory, Dual channel, Optinal 1 or 2 DIMM	
	Capacity	Max.64GB	
Graphic	Controller	Intel® Iris Xe Graphics	
	Connector	1*eDP Co-lay with LVDS, Bom option - eDP up to 4096x2304@60Hz -LVDS up to 1920x1080@60Hz , Dual Channel 18/24bit	
		3x DP 1.4 with 5K@60Hz or 3*HDMI® 2.0 with 4K@60Hz	
		1x VGA with resolution of 1920x1080@60Hz	
Network	Ethernet	Controller	Intel i219V Co-lay with i210 Ethernet PHY
		Connector	1Gbe RJ45
Expansion	PCIe	6 1* PCIe x2 Gen3(PCIe 3/4), 2x1/1x2 set by BIOS. Muxed with 2*USB 3.0, set by BOM	
		1* PCIe x4 Gen3(PCIe 5-8), 4x1/2x1+1x2/2x2/1x4, set by BIOS 1* PCIe x1 Gen3(PCIe 10), 2* PCIe x1 Gen3(PCIe 11-12), Muxed with SATA, Set by BIOS 1* PCIe x4, PEG PCIe(0-3)	
Storage	SATA	2*Singals, 2 is shared with PCIe(11-12), Set by BIOS	
I/O	Internal (2*220Pin Utra)	LAN	1*Signal
		USB 3.0	4*Signal,2 is muxed with PCIe(3/4), Set by BOM
		USB 2.0	8*Signal
		COM	2*Signal, UART
		LPC	1*Signal
		LED	1*Signal
		RTC	1
		Fan	2*4Pin, 5V
Environment	Temperature	Operating	0°C-60°C
		Storage	-40°C-85°C
	Humidity	Operating	10%~90% RH,non-condensing
		Storage	5%~95% RH,non-condensing
Noise Value		38db @1m	
Feature	TPM	V2.0 Support, Reserved	
	WatchDog	Y	
Systems	Bios	Insyde BIOS	
	OS	Win 10/Win 11	
Power Supply		DC 12V, Supply power from Baseboard	
Dimensions		95mm×95mm	

Dimensions (Unit: mm)



*Specifications and information contained in this document are furnished for informational use only, and are subject to change at any time without notice, and should not be construed as a commitment by Decenta.