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EmETXe-i89U0

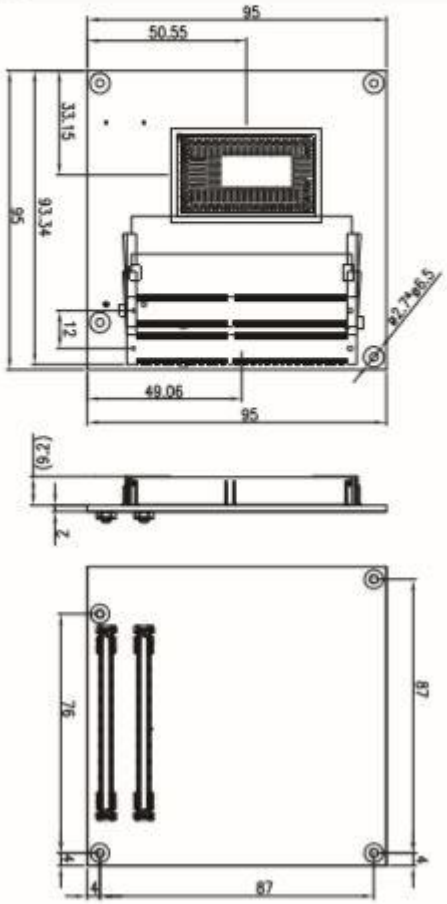
Features

- Soldered onboard 6th Generation Intel® Core™ i7/ i5/ i3/ Celeron®
- Intel® I219LM PCIe GbE PHY w/ iAMT
- Dual Channels 24-bit LVDS and 2 x DDI ports
- Support 3 independent displays
- 5V~20V Wide Range Voltage Input
- **Wide Range Operating Temp.: -40 ~ 85°C**

System	
CPU	Soldered onboard 6th Generation Intel® Core™ i7-6600U 2.6GHz (Base)/ 3.4GHz (Turbo), i5-6300U 2.3GHz (Base)/ 2.8GHz (Turbo), i3-6100U 2.3GHz (Base), Celeron® 3955U 2.3GHz (Base)
Memory	2 x DDR4 SO-DIMM sockets
BIOS	AMI UEFI BIOS
Watchdog Timer	1~255 levels reset
I/O	
USB Port	12 x USB ports: - 8 x USB 2.0 ports - 4 x USB SuperSpeed ports
Serial Port	2 x UART ports (RX/TX only)
Expansion Bus	8 x PCIex1 lanes, I2C Interface
Digital I/O	8-bit Digital Input/Output
Storage	2 x Serial ATA ports Soldered onboard eMMC 5.0 up to 32GB (OEM Request)
Ethernet Chipset	1 x Intel® i219LM PCIe GbE PHY w/ iAMT
Audio	HD audio link
TPM	Supports TPM (OEM Request)
Display	
Graphic Chipset	Intel® HD Graphics 520/ 510
Graphic Interface	LCD: Dual Channels 24-bit LVDS 2 x DDI ports
OS support	
Windows 8.1 64-bit Windows 10 64-bit Linux: Ubuntu	

Mechanical & Environmental	
Power Requirement	5V~20V +/- 5% wide range voltage input, +5VSB
Power Consumption	1.96A@12V (i7-6600U typical)
Operating Temp.	-40 ~ 85°C (-40 ~ 185°F)
Operating Humidity	10 ~ 95% @ 85°C (non-condensing)
Dimensions (L x W)	95 x 95 mm (3.7" x 3.7")

Dimensions



Unit:mm