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BRIEF SPECIFICATION

GR8 N868AM



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HARDWARE SPECIFICATION

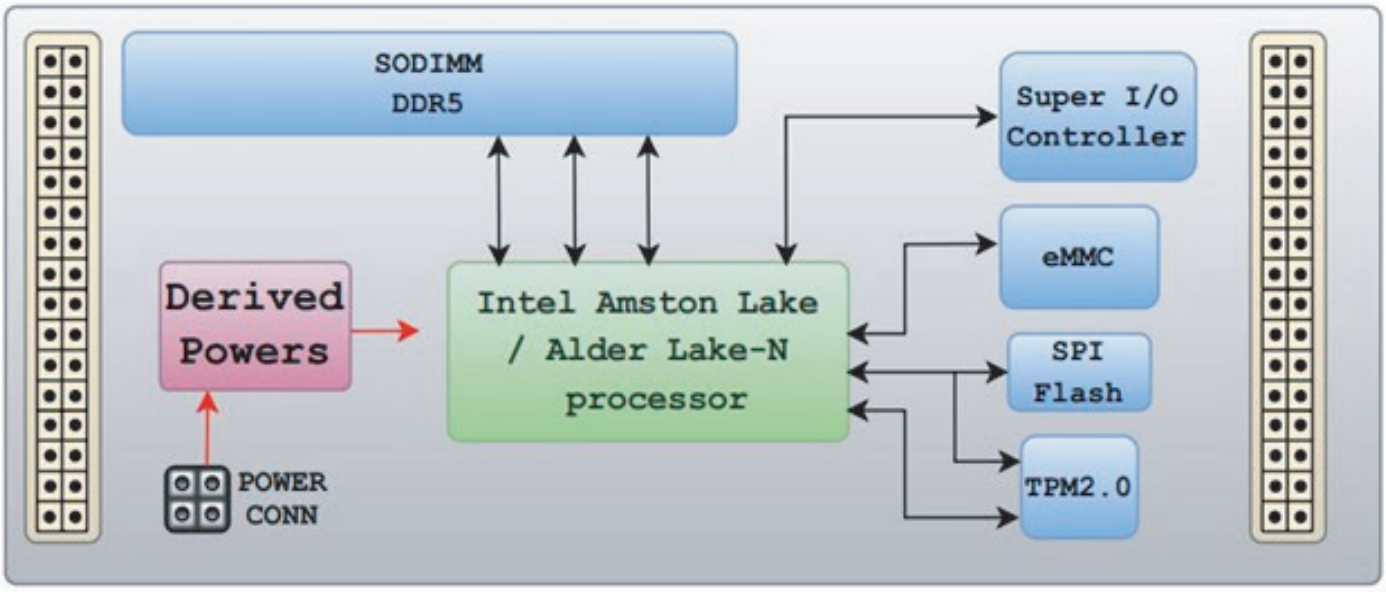
CPU	Intel X7425E, 4 cores with 3.4GHz Turbo Frequency.
RAM	64GB DDR5 SODIMM (Max) (Memory to be Separately Ordered)
Ethernet Ports	4 X 10/100/1000 (Realtek RTL8111H)
Cellular	One M.2(B Key, supports both types 3042 and 3052) with USB2.0 and USB3.0 Supporting both 4G and 5G Modems. (Cellular module to be Separately Ordered)
SIM	2x Nano SIM
Wi-Fi	One M.2 (E Key, 3052 for Wifi/BLE Module 802.11b/g/n/ac/ax (1 x PCIe, 1 X USB2.0) (WiFi module to be Separately Ordered)
Storage	One M.2 (B Key,2280), Upto 512GB SSD, Upto 64GB eMMC (Memory to be Separately Ordered)
TPM	Firmware/Hardware TPM (Optional)
RTC Battery Backup	3V, CR2032
Input Power	12V DC , DC Jack
Button	Software Reset
LEDs	Power, SATA, WiFi (depending on WiFi module), Cellular Activity (depending on modem), Link and Activity for Ethernets
Antenna	Cellular: 4 x SMA Connector,Wi-Fi: 1x SMA connector for 5Ghz and 1 x SMA connector for 2.4 Ghz
USB	2 x USB2.0
HDMI	1 (Optional)
Console	1 x Type B Micro USB
Expansion Interface	Custom Expansion Interface
Enclosure	Sheet Metal Enclosure with Aluminum Heat Sink
Mounting	Desktop Mount, Rack Mount, Vesa Mount, Wall Mount
Design	Fan less
Dimensions	150mm X 160mm X 55mm (L X W X H)
Operational & Environmental	
Storage Temperature	-20 ~ 75°C
Operating Temperature	0 ~ 50°C
Humidity	10 ~ 90% (non-condensing)
Operating System	
Operating System Boot Loader	Ubuntu/Oracle Linux/OpenWRT/Windows Intel Slim Boot Loader



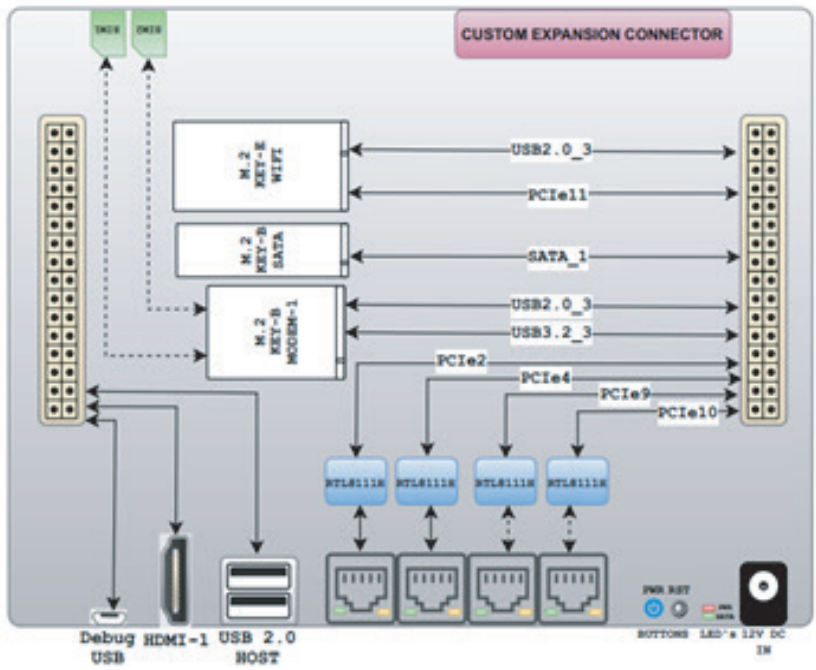
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Block Diagram:



INTEL ADL / AML carrier board-3 (INV-CE)



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