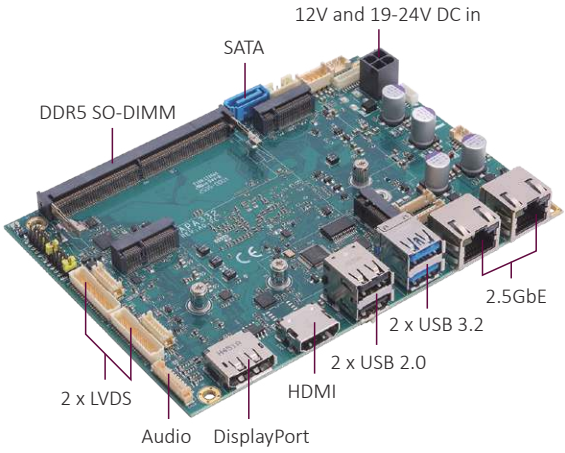
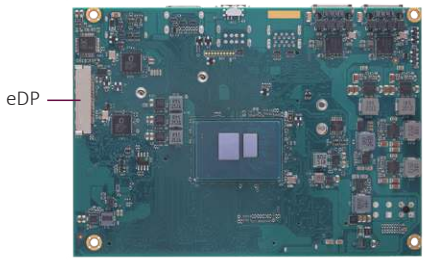
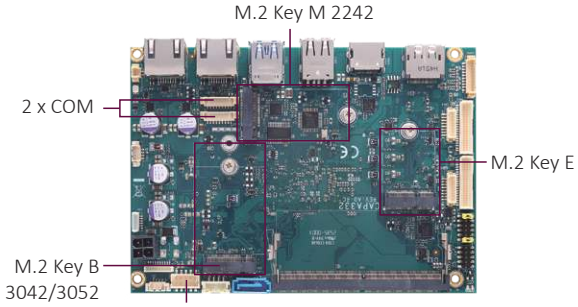
CAPA332 NEW

3.5" Embedded SBC with Intel® Processor N97/N150, HDMI, DisplayPort, LVDS, Two 2.5GbE, and Audio





▲ Rear view



▲ Top view

12 VDC | All Solid Caps | Triple-View | M.2 | 2.5GbE

Features

- Intel® processor N97/N150
- DDR5-4800 SO-DIMM for up to 32GB
- 2 2.5GbE ports
- 3 M.2 expansion slots

Specifications

Core System

CPU	Intel® processor N97/N150
System Memory	1 x 260-pin DDR5-4800 SO-DIMM, up to 32GB
Chipset	SoC integrated
BIOS	AMI
SSD	1 x SATA 3.0 1 x M.2 Key M 2242 (PCIe x2)
Watchdog Timer	255 levels, 1 to 255 sec.
Expansion Interface	1 x M.2 Key E 2230 (PCIe x1/USB 2.0) 1 x M.2 Key B 3042/3052 (USB 3.2 Gen 2/USB 2.0) 1 x SIM connector via pin header
Battery Lithium	Lithium 3V/220mAH
Power Input	2 x 2-pin connector 12V and 19–24V DC-in (12V-only optional) AT Auto Power On function supported
Power Requirements	N97: 23.56W

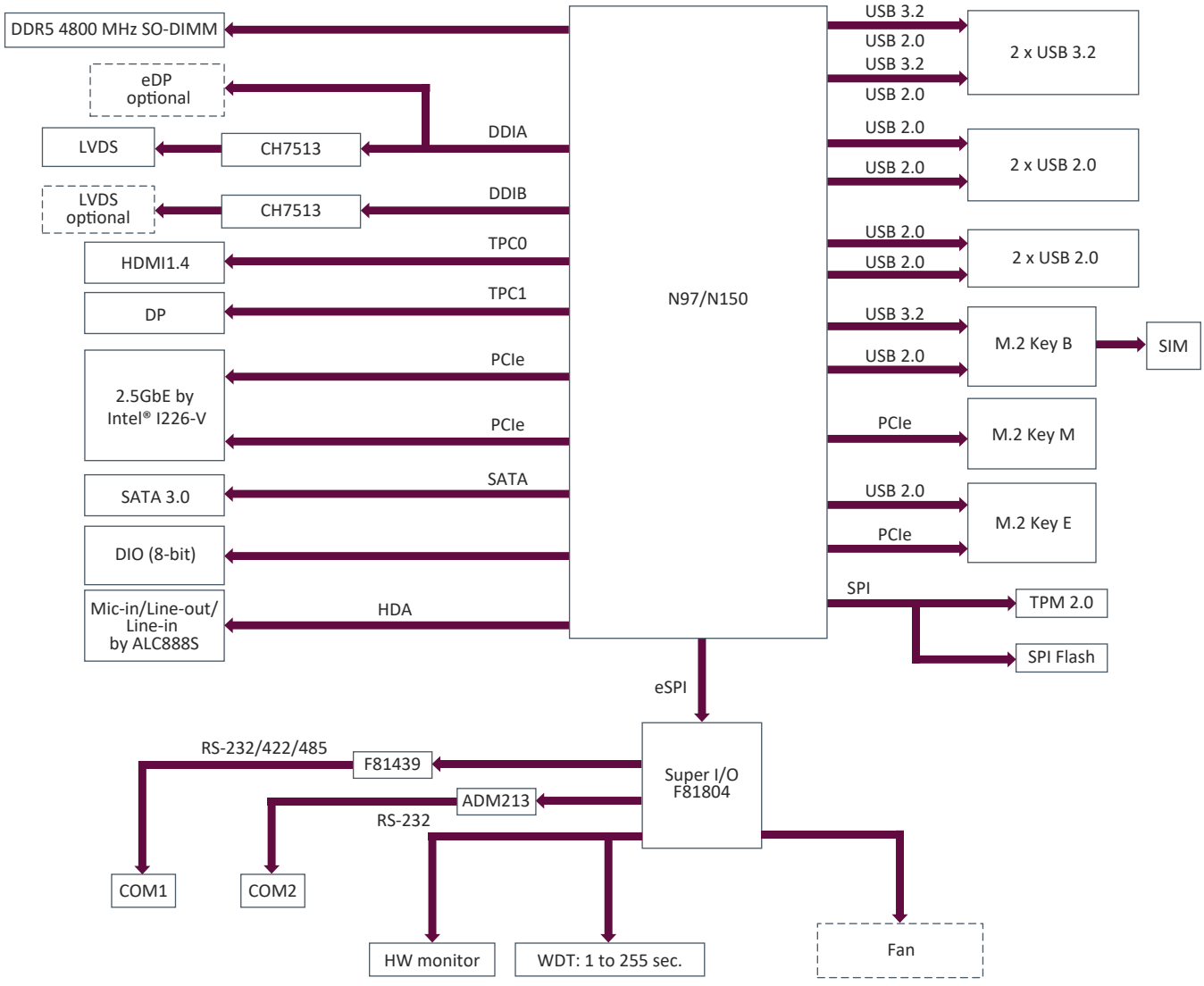
Specifications

Display	
Chipset	Intel® integrated Gfx graphic engine
Display Interface	1 x HDMI 1.4 1 x LVDS 1 x DisplayPort 1 x eDP (optional) 1 x LVDS (optional)
I/O	
External	2 x 2.5GbE with Intel® I226-V 2 x USB 3.2 2 x USB 2.0 1 x HDMI 1.4 1 x DisplayPort
Internal	1 x SATA 3.0 1 x Mic-in/Line-in/Line-out 2 x USB 2.0 1 x RS-232 1 x RS-232/422/485
Key Benefits	
TPM	TPM 2.0 onboard
SMBus	Yes
GPIO	8-channel in/out programmed
Mechanical and Environmental	
Dimensions	146 x 104 mm
Board Thickness	1.6 mm
Operating Temperature	Passive: -20°C to +70°C (+32°F to +158°F)
Relative Humidity	10% to 95% relative humidity, non-condensing

Ordering Information

Standard	
CAPA332-N97-L (P/N: E38E332100)	3.5" SBC with Intel® processor N97 (2.0 to 3.6 GHz, 6MB cache, 12W), HDMI, DisplayPort, LVDS, 2.5GbE, audio, and heatsink
CAPA332-N150-L (P/N: E38E332101)	3.5" SBC with Intel® processor N150 (1.0 to 3.6 GHz, 6MB cache, 6W), HDMI, DisplayPort, LVDS, 2.5GbE, audio, and heatsink
Optional	
AX93A19 (P/N: E393A19100)	SIM card slot board
594E8422800E	2 USB 2.0 wafer cables with bracket, 180 mm
59380880250E	COM port cable DB-9 x 1P, P=1.25 mm, L=250 mm
594H3186800E	Buzzer cable 9 x 5.5 mm 2-pin, L=40 mm

Block Diagram



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