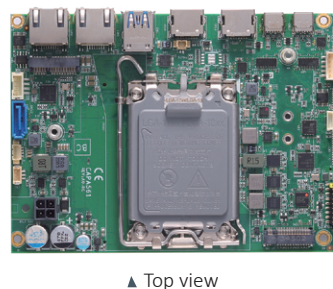
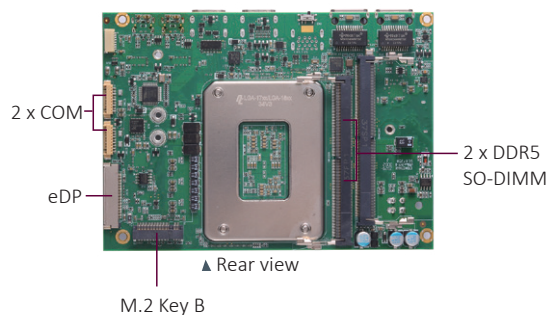
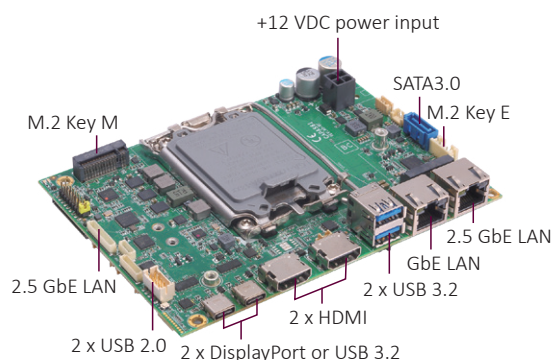


CAPA561 NEW

3.5" Embedded SBC with LGA1700 Socket 13th/12th Gen Intel® Core™ i7/i5/i3, Celeron® Processor, DisplayPort in USB Type-C®, HDMI, eDP, GbE LAN, and 2.5GbE LAN



Quad-View



M.2



12 VDC



All Solid Caps

Features

- LGA1700 socket 13th/12th gen Intel® Core™ i7/i5/i3, Celeron® processor
- 2 DDR5 SO-DIMM for up to 64GB of memory
- GbE LAN and 2.5GbE LAN ports
- 3 M.2 expansion slots

Specifications

Core System

CPU	LGA1700 socket 13th/12th gen Intel® Core™ i7/i5/i3, Celeron® processor (TDP up to 15W)
System Memory	2 x 262-pin dual-channel DDR5-4800 SO-DIMM, up to 64GB
BIOS	AMI
SSD	1 x M.2 Key M 2280 (PCIe x4)
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 3042/3050 (PCIe x1/USB 3.2 Gen2/USB 2.0) 1 x SIM connector via pin header
Battery Lithium	Lithium 3V/220 mAh
Power Input	2 x 2-pin connector +12V DC-in AT Auto Power On function supported



Specifications

Display

Chipset	Intel® integrated Gfx graphic engine
Memory Size	Share system memory
Display Interface	2 x HDMI 1.4 1 x eDP 2 x DisplayPort in USB Type C (DP Alt Mode)

I/O

SATA	1 x SATA-600
Hardware Monitoring	Detect CPU/system temperature, voltage, and fan speed
Ethernet	1 x 10/100/1000 Mbps Ethernet with Intel® I219 2 x 10/100/1000/2500 Mbps Ethernet with Intel® I226-V
Audio	HD Audio link via pin header
USB	2 x USB 3.2 in USB Type-A 2 x USB 3.2 in USB Type C, same port support DP Alt mode 2 x USB 2.0
Serial	2 x RS-232/422/485
TPM	TPM 2.0 on board
SMBus	Yes
Digital I/O	8-channel in/out programmed

Mechanical and Environmental

Dimensions	146 x 104 mm
Board Thickness	1.6 mm
Operating Temperature	Fan: 0°C to +60°C (+32°F to +140°F)
Relative Humidity	10% to 95% relative humidity, non-condensing

Ordering Information

Standard

CAPA561-LGA-1 (P/N: TBD)	3.5" embedded SBC with LGA1700 13th/12th gen Intel® Core™ i7/i5/i3, Celeron® processor, DisplayPort in USB Type-C, HDMI, eDP, GbE LAN, 2.5GbE LAN, and cooler
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Optional

AX93A19 (P/N: E393A19100)	SIM card slot board
AX93A22 (P/N: E393A22100)	HD codec audio board for Mic-in/Line-in/Line-out
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