PICO570 NEW

Pico-ITX SBC with Intel® Core™ Ultra Processors (Series 1), HDMI, LVDS, 2.5GbE LAN, and GbE LAN

HDMI
GbE LAN
2 x USB 3.2
12V DC power input
2.5GbE LAN
LVDS
2 x USB 2.0
DDR5-5600 SO-DIMM

COM
M.2 Key M
▲ Bottom view
M.2 Key E

▲ Side view

| DDR5 | M.2 | +12V | All Solid Caps | Dual-View | 2.5GbE |

Features

- Intel® Core™ Ultra processors (series 1)
- 1 DDR5 SO-DIMM, up to 64GB
- 2.5GbE LAN and GbE LAN
- M.2 Key E
- M.2 Key M

Specifications

Core System

CPU	Intel® Core™ Ultra processors (series 1) onboard
System Memory	1 x 262-pin DDR5-5600 SO-DIMM, up to 48GB
Chipset	SoC integrated
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)
Battery Lithium	Lithium 3V/220 mAh
Power Input	2 x 2-pin connector +12V DC-in only AT auto power on function supported
Power Requirements	TBD

AXIOMTEK

Specifications

Display

Chipset	Intel® Arc Xe-LPG Graphics
Memory Size	Share system memory
Display Interface	1 x HDMI 1 x LVDS; 18/24-bit single/dual channel

I/O

SATA	N/A
Hardware Monitoring	Detect CPU/system temperature, voltage and fan speed
Ethernet	1 x 10/100/1000 Mbps Ethernet with Intel® I219-LM, supporting Wake-on-LAN and PXE Boot ROM 1 x 10/100/1000/2500 Mbps Ethernet with Intel® I226-V, supporting Wake-on-LAN and PXE Boot ROM
Audio	HD Audio link via pin header
USB	2 x USB 2.0 2 x USB 3.2
Serial	1 x RS-232/422/485
TPM	fTPM 2.0 supported by Intel® Platform Trust Technology (PTT)
SMBus	Yes
Digital I/O	4-channel in/out programmable

Mechanical and Environmental

Dimensions	100 x 72 mm
Board Thickness	1.6 mm
Operating Temperature	-20°C to +60°C (-4°F to +140°F)
Relative Humidity	10% to 95% relative humidity, non-condensing

Ordering Information

Standard

PICO570-U7 (P/N: TBD)	Pico-ITX SBC with Intel® Core™ Ultra 7 processor 155U, HDMI, LVDS, GbE LAN, and 2.5GbE LAN
PICO570-U5 (P/N: TBD)	Pico-ITX SBC with Intel® Core™ Ultra 5 processor 125U, HDMI, LVDS, GbE LAN, and 2.5GbE LAN

Optional

AX93A19 (P/N: E393A19100)	SIM card slot board
AX93A22 (P/N: E393A22100)	HD codec audio board for Mic-in/Line-in/Line-out
594H51R2810E	USB cable, 2 × 5P DuPont P2.0 to 2 × USB 4P, L=18 cm
59380880250E	COM port cable DB-9 x 1P, P=1.25 mm, L=250 mm

Packing List

Accessories

591000014500	Power cable, L=100 mm
8593A241000E	AX93A24, RJ-45 I/O board
590000059300	LAN cable, P=2.0, 200 mm