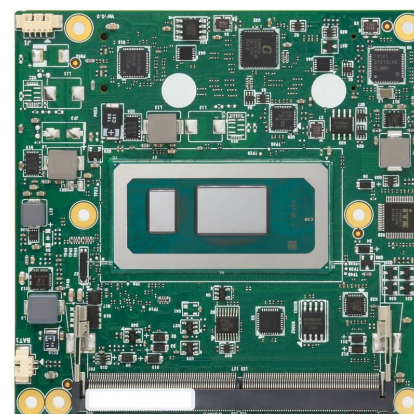


Features

- Intel 12/13th Intel Core Alder Lake-P Processor
- 4 x USB 3.2, 1 x Intel Gigabit LAN
- 2 x DDR5 memory
- Support multiple high speed signals
- Support Vin 8.5V ~ 16V, VSB 4.75V ~ 5.25V



Core System

CPU	Intel Core i7-1270P, 4P8E-core, up to 4.80 GHz Intel Core i7-1370PE, 6P8E-core, up to 4.80 GHz Intel Core i5-1235U, 2P8E-core, up to 4.40 GHz Intel Core i3-1315U, 2P4E-core, up to 4.50 GHz Intel Core i3-1215U, 2P4E-core, up to 4.40 GHz Intel Core i3-1215UE, 2P4E-core, up to 4.40 GHz
System Memory	DDR5-4800 MHz, 2 x non-ECC SO-DIMM, up to 64GB
Chipset	SoC integrated
BIOS	AMI
Storage	2 x SATA 3.0
Watchdog Timer	1 - 255 steps by software program
High Speed Signal	1 x PCIe Gen3 4 * x1/ 2 * x2/ 1 * x4 (BIOS optional) 2 x PCIe x1 Gen3 1 x PCIe x2 Gen4 1 x PCIe x4 Gen4
Power Input	Vin: 8.5V ~ 16V VSB: 4.75V ~ 5.25V
Smart Fan Control	Supported
Dimensions	95 x 95 mm (COM Express Type 6 Compact size)
Operating Temperature	-20°C to +70°C
Storage Temperature	-40°C to +85°C
Humidity	10% to 95% relative humidity, non-condensing

Internal Connectors

USB	4 x USB 3.2 Gen1 8 x USB 2.0
Display I/O	1 x VGA, 1 x eDP/LVDS, 3 x DDI (configurable to HDMI/DP++)
Audio I/O	Realtek Audio HDA Codec
Serial Port	2 x TTL (TXD/RXD)
Ethernet	1 x Intel i225V LAN chip (10/100/1000 Mbps)
GPIO	Programmable support 8-bit GPIO
Others	1 x I2C, 1 x LPC, 1 x SATA LED, 1 x Smart FAN

Graphics

Chipset	For i7, Intel Iris Xe Graphics, up to 96 EUs, 1.40GHz For i5, Intel Iris Xe Graphics, up to 80 EUs, 1.20GHz For i3, Intel UHD Graphics, up to 64 EUs, 1.25GHz
VGA	Up to 1920 x 1080 @ 60Hz
DVI	-
HDMI	Up to 4096 x 2160 @ 48-60Hz
Display Port	Up to 4096 x 2160 @ 60Hz
LVDS	Up to 1920 x 1200 @ 60Hz (Default)
eDP (Option)	Up to 4096 x 2160 @ 60Hz

Others

OS Support	Windows 10, Windows 11, Linux Kernel 5.17 or later
Certifications	CE / FCC Class B

Ordering Information

Ce6-i3-1215U	With Intel Core i3-1215U processor, 2P4E-core, up to 4.40GHz
Ce6-i3-1215UE	With Intel Core i3-1215UE processor, 2P4E-core, up to 4.40GHz
Ce6-i3-1315U	With Intel Core i3-1315U processor, 2P4E-core, up to 4.50GHz
Ce6-i5-1235U	With Intel Core i5-1235U processor, 2P8E-core, up to 4.40GHz
Ce6-i7-1270P	With Intel Core i7-1270P processor, 4P8E-core, up to 4.80GHz
Ce6-i7-1370PE	With Intel Core i7-1370PE processor, 6P8E-core, up to 4.80GHz