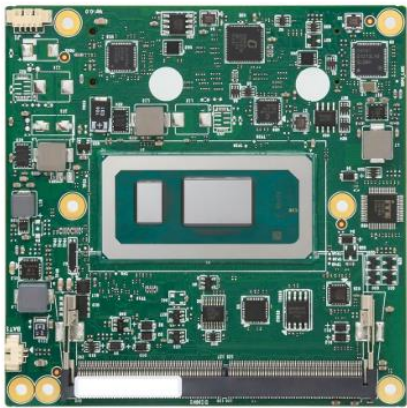


ACOM-14001

COM Express Type 6 Compact Industrial
motherboard



FEATURES

- Intel i3-12th Gen Alder Lake-P Processor.
- 4 x USB 3.2.
- 1 x Intel Gigabit LAN.
- 2 x DDR5 memory up to 64GB.
- 2 x SATA 3.0.
- Support multiple high-speed signals.
- Support Vin 8.5V ~ 16V, VSB 4.75V ~ 5.25.

ACOM-14001	
CPU	Intel Core i3-1215UE, 2P-Core 4E-core, up to 4.40 GHz
DIMENSIONS	95 x 95 mm
BIOS	AMI
RAM	DDR5-4800 MHz, 2 x non-ECC SO-DIMM, up to 64GB
STORAGE	2 x SATA 3.0
ETHERNET	1 x Intel i225V LAN chip (10/100/1000 Mbps)
PCIe	1 x PCIe Gen3 ,2 x PCIe x1 Gen3, 1 x PCIe x2 Gen4, 1 x PCIe x4 Gen4
GRAPHICS	Intel UHD Graphics, up to 64 EUs, 1.25GHz
LVDS/eDP	1 x LVDS Up to 1920 x 1200 @ 60Hz (Default) or 1 x eDP Up to 4096 x 2160 @ 60Hz
DDI	3 x DDI (configurable to HDMI/DP++) HDMI: Up to 4096 x 2160 @ 48-60Hz, DP: Up to 4096 x 2160 @ 60Hz
VGA	1 x VGA Up to 1920 x 1080 @ 60Hz
USB	4 x USB 3.2 Gen1, 8 x USB 2.0
SERIAL PORT	2 x TTL (TXD/RXD)
GPIO	Programmable support 8-bit GPIO
AUDIO I/O	Realtek Audio HDA Codec
WATCHDOG TIMER	1 - 255 steps by software program
POWER INPUT	Vin: 8.5V ~ 16V, VSB: 4.75V ~ 5.25V
OS SUPPORT	Windows 10, Windows 11, Linux Kernel 5.17
SMART FAN CONTROL	Supported
RELATIVE HUMIDITY	10% to 95% relative humidity, non-condensing
OPERATING TEMPERATURE	-20°C to +70°C
STORAGE TEMPERATURE	-40°C to +85°C
CERTIFICATIONS	CE / FCC Class B
WARRANTY	2 Years