



LV-6717 – Mini-ITX Motherboard with Intel® W880 Chipset for Intel® Core™ Ultra Processors

The LV-6717 is a Mini-ITX motherboard with support for Intel® Arrow Lake-S Core™ Ultra Processors. With full desktop performance in a small form factor and 5th generation PCIe expandability, this motherboard is a powerful and modern industrial solution. The LV-6717 has quad-display support and expansion options allowing for deployment across many sectors where space is at a premium.

SPECIFICATIONS

CPU	Intel® Core™ Ultra Arrow Lake-S Processors
CPU Socket	LGA1851
Memory Type	288-pin DDR5 up to 6400MHz DIMM with ECC and Non-ECC Support
Memory Slots	2
Maximum Memory Supported	128GB
Chipset	Intel® W880
Integrated Graphics	Intel® Xe Graphics
Watchdog Timer	Generates a system reset with internal timer for 1 min/s ~ 255 min/s
LAN Ports	1 x Intel® I226-LM 2.5GbE, 1 x Intel® I226-V 2.5GbE
Storage	2 x SATA III, 1 x M.2 (Key M 2280) support PCIe Gen4 for NVMe, 1 x M.2 (Key M 2280) support PCIe Gen5 for NVMe
GPIO Interface	Onboard programmable 8-bit Digital I/O interface
Extended Interface	1 x M.2 (Key M 2280) support PCIe Gen4, 1 x M.2 (Key M 2280) support PCIe Gen5, 1 x M.2 2230 Key E for Wi-Fi and Bluetooth, 1 x PCIe x16 Slot (support Gen5)

Rear I/O	6 x USB 3.2 Gen2, 2 x LAN, 2 x RS-232/422/485, 1 x Audio, 2 x HDMI, 2 x DisplayPort++
Internal I/O	2 x SATA III, 2 x RS-232, 2 x USB 2.0, 1 x GPIO, 1 x SMBus, 1 x Audio, 1 x LCD Inverter, 1 x LVDS
Audio	Realtek ALC888S HD Audio
Power Requirement	Standard 24-pin ATX power supply and 4-pin 12V or DC input 12V
Dimensions	6.69" x 6.69" (170mm x 170mm)
Operating Temperature	0 ~ 60° C (32 ~ 140° F)
Storage Temperature	-20 ~ 80 °C (-4 ~ 176 °F)
Relative Humidity	10 ~ 90% (non-condensing)
OS Software Supported	Windows 10 64-bit, Windows 11 64-bit
Global P/N / SKU	2809072

Ordering Options

LV-6717 (SKU# 2809072): Mini-ITX Motherboard with Intel® W880 Chipset

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