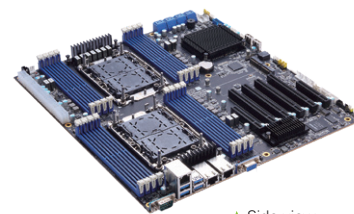
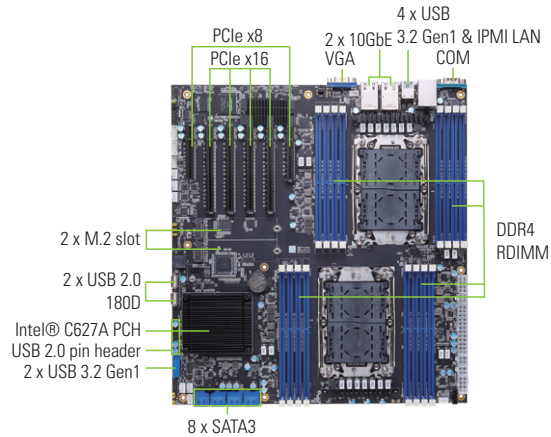


# IMB760 NEW

EATX Motherboard with Dual LGA4189 Socket 3rd Gen Intel® Xeon® Scalable Processors, Intel® C627A, 4 PCIe x16, 2 PCIe x8, VGA, NVMe, and IPMI

## Features

- Dual 3rd gen Intel® Xeon® scalable processors (Ice Lake-SP)
- 16 288-pin DDR4-3200 RDIMM for up to 1TB of memory
- 4 PCIe x16 and 2 PCIe x8
- Supports 2 M.2 Key M for NVMe with RAID 0 & 1
- Supports TPM 2.0 module (optional)
- Two 10GbE ports
- IPMI (optional)



▲ Side view



### Core System

CPU	3rd gen Intel® Xeon® scalable processors (TDP up to 270W)
System Memory	16 x DDR4-3200 R-DIMM un-buffered memory, up to 1TB
Chipset	Intel® C627A
BIOS	AMI
Watchdog Timer	255 levels, 1 to 255 sec.
Expansion Interface	Slot2: PCIe x8 (Gen4) Slot3: PCIe x16 (Gen4) Slot4: PCIe x16 (Gen4) Slot5: PCIe x16 (Gen4) Slot6: PCIe x16 (Gen4) Slot7: PCIe x8 (Gen4)
Dimensions	305 x 330 mm
Board Thickness	2.4 mm
Operating Temperature	10°C to +35°C (+50°F to +95°F) (depends on cooler solution)
Humidity	10% to 95% relative humidity, non-condensing
IPMI	ASPEED AST2500 BMC

### I/O

Storage	8 x SATA-600 with RAID 0/1/5/10 2 x M.2 key M 2280 (PCIe x4/SATA signal) for NVMe SSD with RAID 0, 1 supported
Hardware Monitoring	Detect CPU/system temperature, voltage and supports Smart fan control
Ethernet	1 x IPMI LAN via Intel® I210-AT (shared with BMC AST2500) 2 x 10GbE Ethernet (Intel® X550-AT2)
USB	4 x USB 3.2 Gen1 (rear I/O) 2 x USB 3.2 Gen1 (internal box header) 4 x USB 2.0 (internal box header) 2 x USB 2.0 (180D TypeA)
Serial	1 x RS-232/422/485 (rear I/O)
PS/2 Combo Port	1 x PS/2 keyboard (internal box header)
SMBus	Yes
Digital I/O	8-channel programmable
Fan	8 x 4-pin fan header (2 for the CPU & 6 for the system)
TPM	TPM 2.0 module (optional)

### Display

Graphic	AST2500
Display Interface	1 x VGA

### Ordering Information

Standard	
IMB760-S: EATX dual LGA4189 Ice Lake SP single packing (P/N: E38F760105)	EATX Motherboard with dual LGA4189 Socket Intel® Xeon® Scalable processors, Intel® C627A, 4 PCIe x16, 2 PCIe x8, VGA, NVMe, and IPMI
Optional	
5938A808010E	2 x USB 2.0 cable with bracket, P=2.54 mm, L=190 mm
5938A808020E	2 x USB 2.0 cable with bracket, P=2.54 mm, L=400 mm
83935151000E	TPM 2.0 module (AX93515)
5948C122800E	2 x USB 3.1 Gen1 cable with bracket, L=400 mm
594G5208010E	SATA3 cable 180D w/B.sleeve, L=50 cm
713WFB30000E	IMB700_CL_LGA4189_4U_CPU above 205W
713JYC1M000E	IMB700_CL_LGA4189_2U_CPU under 205W