

## AM-690E

## Mini-ITX Small Form Factor AMD Server Board

AMD M690E  
+SB600

DDR2 800



VGA

Dual Gigabit  
LAN

TPM 1.2

## Features

1. Support AMD Athlon™ 64, Athlon™ 64 X2, Sempron™ processor
2. ECC Memory support for solid reliability
3. Small server for compact space
4. Support MPEG-2, MPEG-4, WMV9 video decoding accelerator
5. Integrated crypto chip with Infineon TPM 1.2 for security
6. Dual independent display

## Specification

CPU Type	AMD processor with socket AM2
Processor	AMD Athlon™ 64, Athlon™ 64 X2, Sempron™
Chipset	AMD M690E + SB600
Memory	2 * DDR2 DIMM 667/800, up to 4GB
Graphic Engine	ATI Radeon™ X700 3D Graphics Engine
Display Port	VGA
USB	4 * USB 2.0 Port (4 * Rear I/O)
I/O	Rear I/O: 1 * RS-232, PS/2
LAN	2 * Marvell GbE LAN
Expansion Slot	1 * PCI,
Storage	1 * 40 pin IDE, 2 * SATA II
Application	Small Form Factor Server

## Power Specification

Power Source	DC 4 pin
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## Mechanical and Environmental

Form Factor	Mini-ITX, 170mm * 170mm (6.7"x 6.7")
Operating Temperature	0°C to 60°C
Storage Temperature	-20°C to 80°C
Regulatory Compliance	FCC Class A / CE RoHS Compliant

## Ordering Information

Part Number	Description
609-9826-010	M690E+SB600, 2 * DDR2 DIMM, Dual GbE LAN, 2 * SATA, VGA
609-95L2-010	IDE to CF Adaptor