

## Mini-ITX Motherboard

# LV-683

AMD G-T56N Processor  
 Onboard VGA, DVI, HD Audio, Serial ATA,  
 Intel® Gigabit LAN, LVDS  
 PCIE Minicard, Mini PCI, PCI



<b>Form Factor</b>	Mini-ITX motherboard
<b>CPU</b>	AMD G-T56N Processor 1.6GHz
<b>Memory</b>	Two DDR3 1066/1333 DIMM up to 8 GB
<b>Chipset</b>	AMD A55E FCH
<b>Real Time Clock</b>	Chipset integrated RTC with onboard lithium battery
<b>Watchdog Timer</b>	Generates a system reset with internal timer for 1min(sec) ~ 255min(sec)
<b>Integrated Graphics</b>	AMD Radeon HD 6300 series Graphics
<b>Video memory</b>	Up to 512MB shared with system memory
<b>LVDS Interface</b>	Chipset Integrated 18-bit single channel LVDS with Hirose connector with +3.3V/5V supply
<b>DVI Interface</b>	Support 20pin-header for DVI interface
<b>Serial ATA Interface</b>	4 x serial ATAI interface with 300MB/s transfer rate
<b>Audio Interface</b>	Realtek ALC888 HD Codec
<b>LAN Interface</b>	Two Intel 82583V Gigabit Ethernet controller
<b>Extended Interface</b>	1 x PCIE Mini card socket, 1 x Mini PCI socket, 1 x PCI Solt.
<b>Internal I/O Port</b>	1 x RS232/RS422/485, 2 x RS232, 1 x LVDS, 1 x DVI, 1 x CN_INV, 1x LPT, 1x IrDA, 6 x USB2.0, 4 x SATAII, 1 x SMBUS, 1 x GPIO, 1 x HD Audio.
<b>External I/O Port</b>	2 x RJ45, 4 x USB, 1 x VGA port, 3 x RS232 port, 1 x PS/2, 1 x SPDIF, 1 x HD Audio.
<b>Power Requirement</b>	Standard 20-pin ATX power supply or Full ranged 5V~24V DC Input
<b>Dimension</b>	170mm x 170mm
<b>Temperature</b>	Operating within 0~60 centigrade

### Ordering Code

<b>LV-683</b>	Onboard VGA, DVI, 2 x Gigabit LAN, 10 x USB2.0, 6 x serial Port, 4 x SATA, 1 x IrDA, Realtek HD Audio, Mini-PCI, PCIE Mini card, PCI.
<b>MP-Z9S</b>	Mini PCI 2D Graphics Card support DVI-I
<b>MPX-750</b>	PCI Express mini card support DVI-I

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