

Industrial Single Board Computer

Pico-ITX

LP-180

AMD G-T56N Processor, LVDS, VGA,
DVI, Giga LAN, USB2.0, HD Audio,
SATA, Mini Card



Form Factor	Pico-ITX
CPU	AMD G-Series T56N Processor 1.6GHz
Memory	1 x 204-pin DDR3 1066/1333 SO-DIMM SDRAM up to 4G
System Chipset	AMD A55E FCH
Real Time Clock	Chipset integrated RTC with onboard lithium battery
Watchdog Timer	Generates a system reset with internal timer for 1min(sec) ~ 255min(sec)
Integrated Graphics	AMD Radeon HD 6300 series Graphics
Video Memory	Up to 512MB shared with system memory
LVDS interface	Chipset Integrated 18-bit single channel LVDS with Hirose connector with +3.3V/5V supply(LP-180X)
DVI interface	Support 20 pin-header for DVI interface(LP-180D)
Serial ATA interface	1 x serial ATAI interface with 300MB/s transfer rate(Only 2.5" HDD)
Audio Interface	Realtek ALC888 HD Codec
LAN Interface	Intel 82583V Gigabit Ethernet controller
Extended Interface	1 x PCIE Mini card socket
Internal I/O Port	2 x RS232 , 1 X DVI or LVDS, 1 x CN_INV , 1x LPC , 4 x USB2.0 , 1 x SATAII , 1 x DC_IN , 1 x DC_OUT , 1 x HD Audio
External I/O Port	1x RJ45 , 1 x VGA port , 1 x PS/2
Power Requirement	Only +5V DC Input
Dimension	100mm x 72mm
Temperature	Operating within 0~60 centigrade Storage within -20~85 centigrade

Ordering Code

LP-180D	Same as LP-180 but without VGA, support DVI
LP-180X	Same as LP-180 but without VGA, support Chipset Integrated 18-bit single channel LVDS
MPX-750	Mini PCI express Graphics Card

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