

KINO-HM551

Mini-ITX SBC with Socket G1 for Intel® mobile Core™ i7/i5/i3 and Celeron® CPU,



Features

- » Mini-ITX SBC with Socket G1 for Intel® mobile Core™ i7/i5/i3 and Celeron® processor
- » DDR3 800/1066HMz dual-channel SDRAM supported up to 8 GB
- » 18/24-bit dual-channel LVDS/Analog CRT/DVI/HDMI™ output supported
- » PCIe x16 slot and dual PCIe Mini card for high speed device expansion
- » TPM V1.2 hardware security function supported by TPM module
- » IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

| | |
|-----------------------|--------------------------------------|
| CPU Cooler | |
| CPU Cooler | CF-989A-RS-R12 |
| Display | |
| Display | Dual display supported |
| | 1 x VGA |
| | 1 x HDMI™ |
| | 1 x DVI-D |
| | 1 x 18/24-bit dual-channel LVDS |
| Environment | |
| Humidity | 5% ~ 95%, non-condensing |
| Operating Temperature | -10°C ~ 60°C |
| Expansion Slots | |
| Expansion Slots | 1 x PCI x16 |
| | 1 x PCIe Mini card slot |
| FSB | |
| FSB | NA |
| I/O Interface | |
| Audio | Realtek ALC888 HD Audio codec |
| Digital I/O | 8-bit digital I/O (4 input/4 output) |
| Ethernet | Dual LAN: Realtek RTL8111E |
| | PCIe GbE controller with ASF |
| | 2.0 support |
| I/O Interface | 4 x RS-232 |
| | 2 x RS-232/422/485 |
| | 8 x USB 2.0 |
| | 1 x 6-pin header for KB/MS |
| | 1 x TPM connector (2x10 pin) |
| I/O Interface | |
| I/O Interface | 8 x USB 2.0 |
| | 4 x RS-232 |
| | 2 x RS-422/485 |
| Power | |

| | |
|-----------------------|--|
| Power consumption | 12V@4.67A |
| | (2.66GHz Intel® Core i7 620M |
| | CPU with two 1333MHz 4GB |
| | DDR3 DIMM) |
| System | |
| Chipset | Intel® HM55 |
| CPU | Intel® Core™ i7/i5/i3 and |
| | Celeron® Mobile processor |
| CPU Socket | Socket G1 |
| Memory Max. | 2 x 204-pin 800/1066 MHz 4GB |
| | DDR3 SO-DIMM (system max. |
| | 8GB) |
| Storage | 4 x SATA 3Gb/s |
| Watchdog Timer | |
| Watchdog Timer | Software programmable and supports 1~255 sec. system reset |

Ordering Information

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|----------------|---|
| KINO-HM551-R10 | Mini-ITX SBC with Socket G1 for Intel mobile Core i7/i5/i3 and Celeron CPU,VGA/DVI/LVDS/HDMI™,Dual PCIe GbE,USB 2.0,Dual PCIe Mini,SATA II and Audio,RoHS |
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Packing List

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|--------------------------------------|---------------------------|
| 1 x KINO-HM551 single board computer | 2 x SATA with power cable |
| 1 x Dual RS-232 cable with bracket | 1 x Mini jumper pack |
| 1 x I/O shielding | 1 x QIG |