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

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

Packing List

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