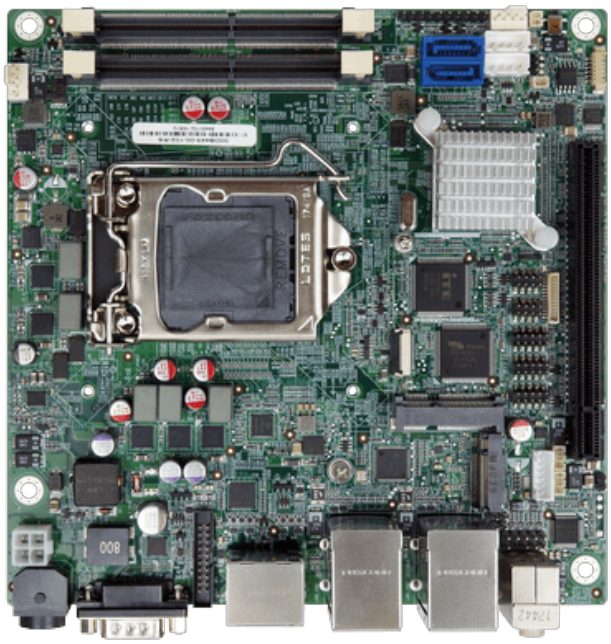
Embedded Computer > Single Board Computer > Industrial Motherboard

KINO-DH110

Mini-ITX SBC supports 14nm LGA1151 Intel® 6th/7th Generation Core™ i7/i5/i3, Celeron® and Pentium® Processor, DDR4, Dual Independent Displays, Dual GbE LAN, M.2, USB 3.0, SATA 6Gb/s, HD Audio and RoHS



Features

» LGA1151 Intel® 6th/7th Generation Core™ i7/i5/i3, Celeron® and Pemtium® processor

» Dual-channel DDR4 2133MHz

» Support HDMI, DP++

» Support M.2 B key, PCIe mini

» Support USB 3.0 and SATA 6Gb/s

» IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

System	
CPU	LGA1151 socket supports 6th/7th generation Intel® Core™ i7/i5/i3, Celeron® and Pentium® processor
Chipset	Intel® H110
Memory	Two 260-pin 2133MHz dual-channel DDR4 SDRAM unbuffered SO-DIMM
Memory Max.	32GB
Physical Characteristics	
Dimensions (LxWxH) (mm)	170 X 170
Net Weight	400g
Storage	
Storage	2 x SATA :6Gb/s
I/O Interface	
Display Output	1 x HDMI :up to 4096x2160@30Hz
	1 x Display Port :DP++(up to 4096x2160@60Hz)
	1 x iDP :interface for HDMI, LVDS, VGA, DVI, DP (up to 4096x2160@60Hz)
Ethernet	2 x LAN :LAN1: Intel® I219LM PCIe controller
	LAN2: Intel® I211 PCIe controller
Audio	Description: Realtek ALC662 HD codec supports 5.1-channel
	1 x Line out :on rear IO
	1 x Mic :on rear IO
	1 x Front Audio :2x5 pin
I/O Interface	1 x External RS-232/422/485
	2 x Internal RS-232 :2x5 pin, p=2.0
	4 x External USB 3.2 Gen1x1
	4 x Internal USB 2.0 :2x4 pin, P=2.0
	1 x PS/2 :1x6 pin

Expansion	1 x PCIe x16
	1 x PCIe mini Card Slot :Full-size slot(PCIe & USB)
	1 x M.2(NGFF) :B key(SATA)
Power	
Power Consumption	12V@12.16A (3.4GHz Intel® Core i7-6700 with two 2133MHz 16GB DDR4 memory)
Power Supply	9V ~ 28V DC input
	1 x External DC jack (4-pin DIN)
	1 x Internal power connector (2x2 pin)
	Support ATX/AT mode
Environment	
Operating Temperature	-20°C ~ 60°C
Storage Temperature	-30°C ~ 70°C
Humidity	5% ~ 95%, non-condensing
Certifications	
Safety & EMC	CE/FCC compliant

研佳科技 15323776600

Ordering Information

KINO-DH110-R10	Mini-ITX Motherboard supports 14nm LGA1151 Intel® 6th/7th Generation Core™ i7/i5/i3, Celeron® and Pentium® processor, DDR4, dual independent displays, dual GbE LAN, M.2, USB 3.0, SATA 6Gb/s, HD Audio and RoHS

Packing List

1 x KINO-DH110 single board computer	1 x I/O shielding
1 x QIG	2 x SATA cable