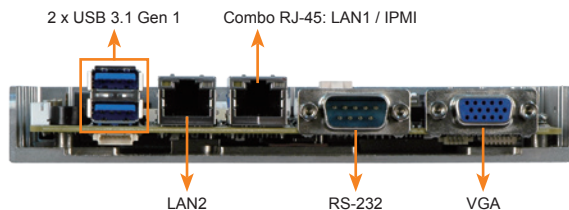
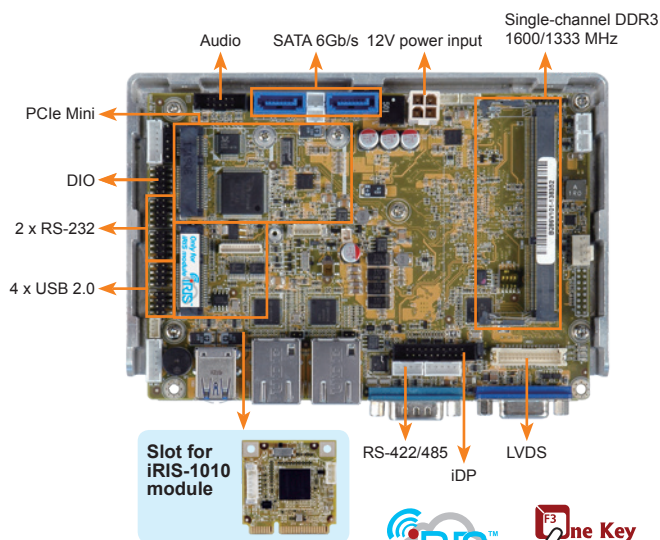


WAFER-KBN-i1

3.5" SBC supports AMD Embedded G-Series SoC with VGA/LVDS/iDP, Dual GbE, PCIe Mini, USB 3.1 Gen 1 (5Gb/s), SATA 6Gb/s, iRIS-1010, HD Audio and RoHS



Features

- 3.5" form factor with AMD Embedded G-Series SoC
12V only single voltage design with AT/ATX mode
18/24-bit dual-channel LVDS for high resolution panel
Support IPMI 2.0 with iRIS-1010 module
Support full-size PCIe Mini card slot for mSATA, wireless card and DOM

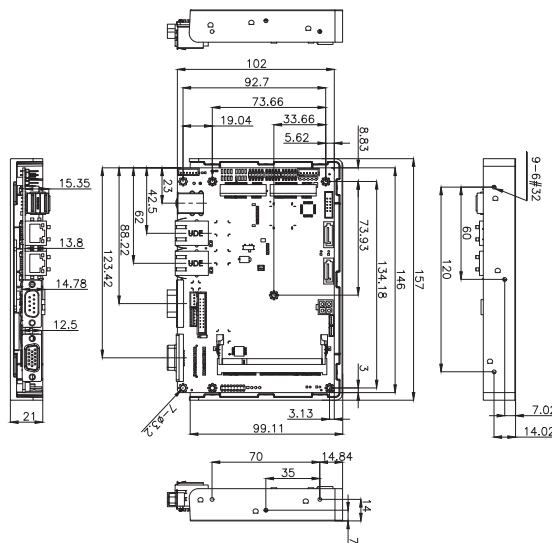
Specifications

- SoC: AMD Embedded G-Series SoC (GX-415GA, GX-210HA, GX-420CA, GX-217GA)
BIOS: AMI UEFI BIOS
Memory: One 204-pin 1600/1333 MHz dual-channel DDR3 & DDR3L SDRAM SO-DIMM slot supports up to 8 GB
Graphics Engine: GPU frequency 500 MHz (Radeon HD 8330E) to 450 MHz (Radeon HD 8280E)
Display Output: 1 x VGA, 1 x 18/24-bit dual-channel LVDS, 1 x iDP interface
Ethernet: LAN1: Intel I210-AT, LAN2: Intel I211-AT
External I/O Interface: 1 x RS-232, 2 x USB 3.1 Gen 1 (5Gb/s)
Internal I/O Interface: 1 x KB/MS, 1 x RS-422/485, 2 x SATA 3Gb/s, 4 x USB 2.0
iRIS Remote Management Module: 1 x iRIS-1010 slot
SMBus: 1 x SMBus (1x4 pin)
iPC: 1 x iPC (1x4 pin)
Audio: Realtek ALC892 HD codec
Front Panel: 1 x Power LED & HDD LED, 1 x Power button, 1 x Reset button
LAN LED: 2 x LAN LED
Expansion: 1 x Full-size PCIe Mini card slot
Digital I/O: 8-bit digital I/O
Fan Connector: 1 x 4-pin system fan connector
Watchdog Timer: Software programmable, support 1~255 sec. system reset
Power Supply: 12V only DC input
Power Consumption: 12W@2.12A
Operating Temperature: 0°C ~ 60°C
Storage Temperature: -10°C ~ 70°C
Operating Humidity: 5% ~ 95%
Dimensions: 146mm x 102mm
Weight: GW: 600g/ NW: 250g
CE/FCC compliant

Packing List

Table with 2 columns listing components: 1 x WAFER-KBN single board computer, 1 x Audio cable, 1 x Power cable, 1 x RS-232 cable, 2 x SATA with 5V output cable kit, 1 x QIG.

Dimensions (Unit: mm)



Ordering Information

Table with 2 columns: Part No. and Description. Lists various models and accessories like WAFER-KBN-i1-4151-R10, WAFER-KBN-i1-2101-R10, iRIS-1010-R10, and various cables.

Note: Models with other CPU not listed in the table are requested by MOQ: 100 pcs/lot.