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 APOLLO DISPLAY
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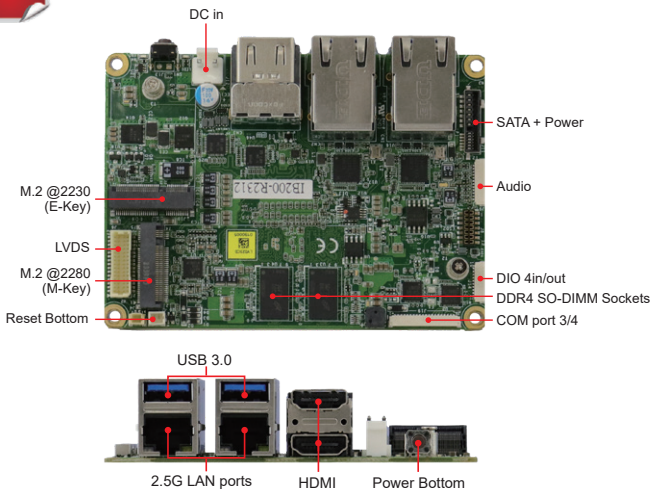


Datasheet

iBase

IB200

2.5" Single Board Computer AMD Ryzen™ Embedded R2000 Series



Features

- AMD Ryzen™ Embedded R2000 series APU onboard/ Zen+ up to 4 cores / 8 Threads
- Onboard Memory, DDR4, Max. 8GB
- 2x HDMI 2.0b & LVDS: 5V/3.3V, 24 bit, Dual Channel (LVDS: 1920 x 1200 at 60 Hz)
- 2x Giga Lan / 2x USB 3.2 Gen2 (10Gbps) [With PDPC support] / 3x USB 2.0 (Pin Header) (Add +5V source for Panel)
- 1x M.2 (M-Key, type:2280) & 1x M.2 (E-Key, type: 2230)

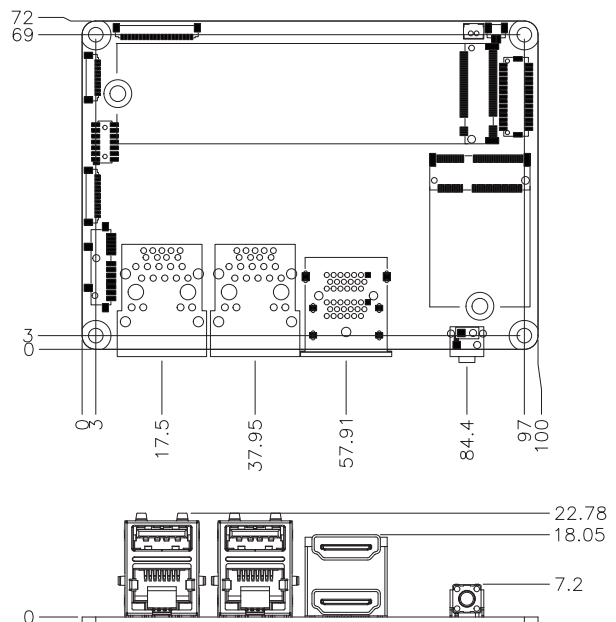
Specifications

CPU	AMD Ryzen™ Embedded R2000 on board
PCH	N/A
Memory	Onboard Memory, DDR4, Max. 8GB
BIOS	AMI
Watchdog Timer	256 levels
H/W Monitor	Yes
Storage Device Interface	1x SATA III 1x M.2 (M-Key)
Mini Type Slots	1x M.2 (M-Key, type:2280) 1x M.2 (E-Key, type:2230)
Graphics Controller	AMD Raden™ Vega integrated
Video Output	2x HDMI(2.0b), 1x 24-bit dual channel LVDS
Ethernet	2x Intel® I226IT Gigabit LAN
I/O Chipset	Fintek F81966AB-I
Serial Port	COM 1 & 2 : RS-232/422/485 can be set by BIOS setting Default is RS-232. COM 3 & 4 : RS232
USB 2.0	3x USB 2.0 (Pin Header)
USB 3.X	2x USB 3.2 gen2 (10Gbps)
Serial ATA	1x SATA III
Audio	Built-in audio w/ Realtek audio codec ALC888S-VD2-GR
TPM	2.0
Others	Digital I/O(4-in/ 4-out)
Dimensions (L x W)	100mm x 72mm
Power Consumption	TBD
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	90% (non-condensing@60°C)

Ordering Information

IB200	AMD Ryzen™ R2312 APU (2.7GHz~3.5GHz) on board 2.5-inch Disk-Size w/ dual LAN, 2x HDMI, LVDS (24-bit dual-channel), Eup/ErP, 12W DC-in
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Dimensions and Drawing



Our company network supports you worldwide with offices in Germany, Austria, Switzerland, the UK and the USA. For more information please contact:

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