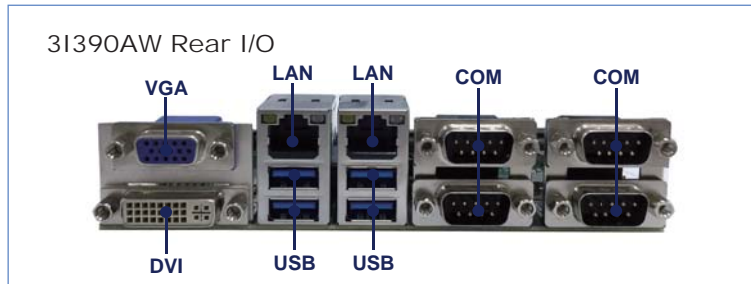


# 3I390AW Series

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## Back Panel



- ▶ Intel® Apollo Lake CPU, 3.5" SBC, 1 x DDR3L SODIMM, VGA, DVI, 6 x COM, 2 x GbE LAN, 2 x Mini PCIe, 6 x USB, 1 x SIM

### ▶ Features

- Intel® Apollo Lake N4200 / N3350 / E3950 CPU / chipset
- 1 x DDR3L SODIMM socket, max. Upto 8GB
- Display: VGA & DVI
- 2 x GbE, 2 x Mini PCIe, 1 x SIM
- 6 x USB, HD Audio, 6 x COM

## Specification:

| MODEL                 | 3I390AW   |
|-----------------------|---|
| CPU Type              | Intel® Apollo Lake N4200 2.5GHZ (Quad Core) Processor<br>Intel® Apollo Lake N3350 2.4GHZ (Dual Core) Processor<br>Intel® Apollo Lake E3950 2.0GHZ (Quad Core) Processor   |
| MB Chipset            |   |
| BIOS                  | Insyde UEFI BIOS  |
| Graphics              | Intel's 9th generation (Gen 9) graphics and media encode / decode engine, Supports DX* (9.3, 10, 11.1, 12), OpenGL* 4.3, OGL ES 3.0, OpenCL* 1.2 Supports 3-D rendering, media compositing, and video encoding. |
| System Memory         | 1 x DDR3L SODIMM 1600 MHz, maximum up to 8GB  |
| SATA                  | 1 x SATA ports 3.0 Data transfer rates up to 6.0 Gb/s<br>2 x mini card socket for mSATA   |
| VGA/DVI/DP            | 1 x VGA Port ; 1 x DVI Port   |
| Audio                 | High Definition Audio Specification, Support Line-out / Mic-in / Line-in  |
| Audio Amplifier       | Two channel Class D Audio Amplifier ; 2.1W / Ch (Typ.) into a 4ΩLoad, 1.4 W / Ch (Typ.) into a 8ΩLoad   |
| LAN                   | 2 x Intel i211AT GbE LAN (optional to i210IT LAN Chipset)   |
| IO Function           | 2 x RS232 / 422 / 485 port (external), 2 x RS232 port (external), 2 x RS232 port (internal)   |
| USB                   | 4 x USB 3.0 (external)<br>2 x USB 2.0 (internal)  |
| DIO & WDT             | Hardware digital Input & Output, 8 x DI / 8 x DO<br>Hardware Watch Dog Timer, 0~255 sec programmable  |
| Expansion Interface   | (Full Size) Mini PCIe Slot 1: PCIe / USB / mSATA interface<br>(Full Size) Mini PCIe Slot 2: PCIe / USB interface<br>1 x SIM card socket   |
| Power                 | Wide Range DC IN +9V~+36V   |
| Dimension             | 146 x 102 mm (3.5 inch)   |
| Operation Temperature | -20°C~70°C  |
| Operation Humidity    | 5 ~ 95%, non-condensing   |
| Expansion             | GPS, IEEE1394, 3G / 4G, Bluetooth, WI-FI, I/O   |
| Chassis               | Box PC: TASK, TIGER, DinRail System   |