

# AES625-312-N3350 / N4200

## Industrial Fanless Systems Series

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# AES625-312-N3350 / N4200

## PRODUCT HIGHLIGHTS

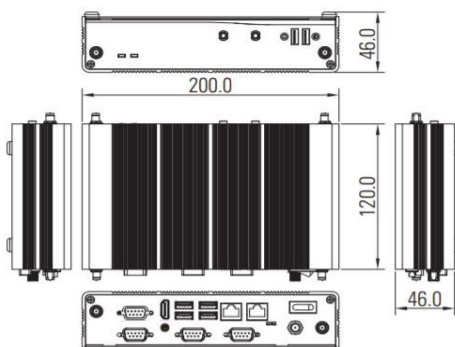
- ▶ Intel® Celeron® N3350, Pentium® N4200 on-board
- ▶ 204-pin DDR3L-1866 SO-DIMM for up to 8GB of memory
- ▶ Supports 2 GbE LAN, 3 COM and 6 USB
- ▶ One 2.5" SATA drive bay and mSATA supported
- ▶ Trusted Platform Module (TPM) 1.2
- ▶ 2 PCI Express Mini Card slots and 1 SIM slot
- ▶ -20°C to +65°C operating temperature range



## TECHNICAL INFORMATION

|                        |                                                                                                                                                                                   |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PROCESSOR              | Intel® Celeron® Processor N3350, 2.4 GHz, Intel® Pentium® Processor N4200, 2.5 GHz                                                                                                |
| CHIPSET                | SoC integrated                                                                                                                                                                    |
| SYSTEM MEMORY          | 1 x 204-pin SO-DIMM DDR3L-1866, up to 8GB                                                                                                                                         |
| BIOS                   | AMI                                                                                                                                                                               |
| COM                    | 2 x RS-232/422/485, 1 x RS-232                                                                                                                                                    |
| USB                    | 4 x USB 3.0, 2 x USB 2.0                                                                                                                                                          |
| ETHERNET/POE           | 2 x 10/100/1000 Mbps (Intel® i211-AT)                                                                                                                                             |
| DISPLAY                | 1 x HDMI (lockable), 1 x VGA                                                                                                                                                      |
| DIGITAL I/O            | N/A                                                                                                                                                                               |
| AUDIO                  | 1 x Audio (Line-out/ Mic-in)                                                                                                                                                      |
| STORAGE                | 1 x 2.5" HDD/SSD bay (max. up 9.5 mm height), 1 x mSATA (enabled in BIOS setting)                                                                                                 |
| EXPANSION              | 2 x Full-size PCI Express Mini Card slot (USB + PCI Express signal), 1 x SIM slot                                                                                                 |
| OTHERS                 | 4 x SMA-type antenna connector, 1 x Screw type VDC power input connector, 1 x AT/ATX switch, 1 x ATX power switch, TPM 1.2                                                        |
| POWER SUPPLY           | Input AC 90 to 264V, AC 60W adapter with lock, Output: 12 VDC, 5A                                                                                                                 |
| WATCHDOG TIMER         | 65536 levels, 1 to 65535 sec.                                                                                                                                                     |
| CONSTRUCTION           | Aluminium extrusion and heavy-duty steel, IP40                                                                                                                                    |
| OPERATING TEMPERATURE  | Turbo Mode: -20°C to +60°C (-4°F to +140°F) (with W.T. SSD/DRAM for 9 to 36 VDC) (default), Non-turbo Mode: -20°C to +65°C (-4°F to +149°F) (with W.T. SSD/DRAM for 12 or 24 VDC) |
| RELATIVE HUMIDITY      | 10% to 95%, non-condensing                                                                                                                                                        |
| VIBRATION              | IEC 60068-2-64 (with SSD: 3Grms STD, random, 5 to 500 Hz, 1 hr/axis)                                                                                                              |
| SHOCK                  | IEC 60068-2-27 (with SSD: 50G, half sine, 11 ms duration)                                                                                                                         |
| DIMENSIONS (W X D X H) | 200 x 120 x 46 mm (7.87" x 4.72" x 1.81")                                                                                                                                         |
| WEIGHT (NET/GROSS)     | 1.1 kg (2.43 lb)/1.8 kg (3.97 lb)                                                                                                                                                 |
| CERTIFICATIONS         | CE, FCC Class A                                                                                                                                                                   |
| OS SUPPORT             | Win 10 IoT, Linux                                                                                                                                                                 |
| MOUNTING               | Wall mount, DIN-rail, VESA mount                                                                                                                                                  |
| PART NUMBERS           | AES625-312-N3350: Fanless embedded system with Intel® Celeron® N3350<br>AES625-312-N4200: Fanless embedded system with Intel® Pentium® N4200                                      |
| OPTIONS                | Wall mount kit, VESA mount kit, DIN-rail kit, Wi-Fi module, 3G/LTE module, 12V/60W power adapter                                                                                  |

## MECHANICAL DRAWING



## Company Address

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