

AES100-312-N4200 / 3350

Industrial Fanless Systems Series



AES100-312-N4200 / 3350

PRODUCT HIGHLIGHTS

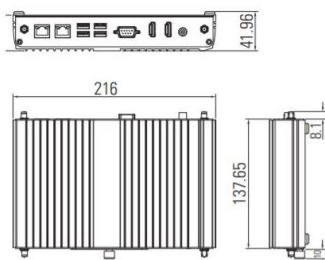
- ▶ Intel® Celeron® N3350 2.4 GHz & Pentium® N4200 2.5 GHz
- ▶ Supports 2 HDMI, 1 COM, 6 USB and 2 GbE LAN
- ▶ 2 PCI Express Mini Card slots for WLAN and WWAN
- ▶ One swappable 2.5" SATA HDD drive bay
- ▶ Supports Jumbo Frame (9k), WoL, PXE Remote Boot
- ▶ Suitable for smart retail and light industries



TECHNICAL INFORMATION

PROCESSOR	Intel® Celeron® N3350 2.4 GHz with turbo boost, Intel® Pentium® N4200 2.5 GHz with turbo boost
CHIPSET	SoC integrated
SYSTEM MEMORY	1 x 204-pin SO-DIMM DDR3L-1600, up to 8GB
BIOS	AMI
COM	1 x RS-232
USB	2 x USB 3.0, 4 x USB 2.0
ETHERNET/POE	2 x 10/100/1000 Mbps (Intel® i211-AT)
DISPLAY	2 x HDMI 1.4b
DIGITAL I/O	N/A
AUDIO	N/A
STORAGE	1 x SATA HDD drive bay (max. up 9.5 mm height)
EXPANSION	2 x Full-size PCI Express Mini Card slot (USB + PCIe), 1 x SIM slot
OTHERS	4 x Antenna opening, 1 x ATX power switch, 1 x AT/ATX quick switch, 1 x Reset button, 1 x Remote switch
POWER SUPPLY	12 VDC
WATCHDOG TIMER	255 levels, 1 to 255 sec.
CONSTRUCTION	Aluminium extrusion and heavy-duty steel, IP40
OPERATING TEMPERATURE	-5°C to +60°C (+23°F to +140°F) (with W.T. DRAM & SSD)
RELATIVE HUMIDITY	10% to 90%, non-condensing
VIBRATION	3 Grms with SSD (5 to 500 Hz, X, Y, Z directions)
SHOCK	N/A
DIMENSIONS (W X D X H)	216 x 137.65 x 38 mm (8.5" x 5.41" x 1.49")
WEIGHT (NET/GROSS)	1.15 kg (2.53 lb)/1.5 kg (3.3 lb)
CERTIFICATIONS	CE, FCC Class A
OS SUPPORT	Win 10 IoT, Linux
MOUNTING	Wall mount, DIN-rail, VESA mount
PART NUMBERS	AES100-312-N4200: Fanless embedded system with Intel® Celeron® N3350 2.4 GHz, 2 HDMI, 2 GbE LAN and 6 USB (w/o adapter and power cord) AES100-312-N3350: Fanless embedded system with Intel® Pentium® N4200 2.5 GHz, 2 HDMI, 2 GbE LAN and 6 USB (w/o adapter and power cord)
OPTIONS	Wall mount kit, VESA arm kit, DIN-rail kit, Wi-Fi module, 3G/LTE module, 12V 36W power adapter, Power cord

MECHANICAL DRAWING



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