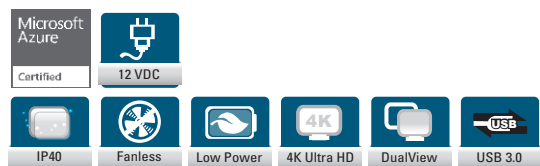


# eBOX100-312-FL

Fanless Embedded System with Intel® Celeron® N3350 & Pentium® N4200, 2 HDMI, 2 GbE LANs and 6 USB

## Features

- Intel® Celeron® N3350 2.4 GHz & Pentium® N4200 2.5 GHz
- Supports 2 HDMI, 1 COM, 6 USB and 2 GbE LANs
- 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



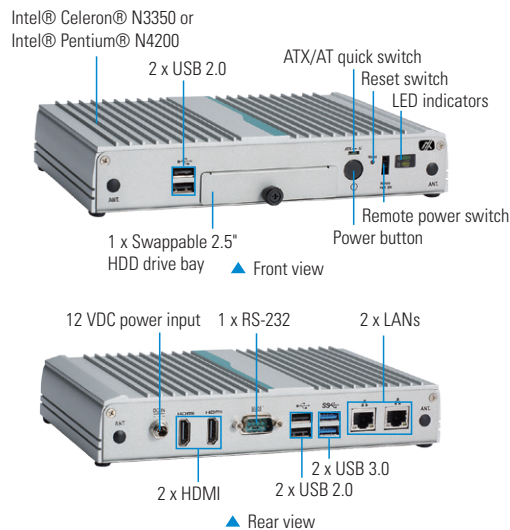
## Specifications

|                       |  |
|-----------------------|--|
| Standard Color        | Silver   |
| Construction          | Aluminum extrusion and heavy-duty steel, IP40  |
| CPU                   | Intel® Celeron® N3350 2.4 GHz with turbo boost<br>Intel® Pentium® N4200 2.5 GHz with turbo boost   |
| System Memory         | 1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB  |
| Chipset               | SoC integrated   |
| BIOS                  | AMI UEFI BIOS  |
| System I/O Outlet     | 1 x RS-232<br>2 x HDMI 1.4b<br>2 x 10/100/1000 Mbps Ethernet (Intel® i211-AT)<br>2 x USB 3.0<br>4 x USB 2.0<br>4 x Antenna opening<br>1 x ATX power switch<br>1 x ATX/AT quick switch<br>1 x Reset button<br>1 x Remote power switch<br>1 x Screw type VDC power input connector |
| Watchdog Timer        | 255 levels, 1 to 255 sec.  |
| Storage               | 1 x SATA HDD drive bay (max. up 9.5 mm height)   |
| Expansion Interface   | 2 x Full-size PCI Express Mini Card slot (USB + PCIe)<br>1 x SIM slot  |
| TPM                   | N/A  |
| System Indicator      | 1 x green LED for system power-on<br>1 x orange LED for HDD active   |
| Power Input           | 12 VDC   |
| Operating Temperature | -5°C to +60°C (+23°F to +140°F) (with W.T. DRAM & SSD)   |
| Storage Temperature   | -20°C to +85°C (-4°F to +185°F)  |
| Humidity              | 10% to 90%, non-condensing   |
| Vibration Endurance   | 3 Grms with SSD (5 to 500 Hz, X, Y, Z directions)  |
| Dimensions            | 216 mm (8.5") x 137.65 mm (5.41") x 38 mm (1.49")  |
| Weight (net/gross)    | 1.15 kg (2.53 lb)/1.5 kg (3.3 lb)  |
| Certifications        | CE, FCC Class A  |
| EOS Support           | Win 10 IoT, Linux  |

\* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

## Packing List

- 1 x Quick manual
- 1 x Driver CD
- 1 x Screw pack
- 4 x Pre-installed foot pad
- 1 x HDD rubber
- 1 x Remote switch cable
- 1 x US power cord or 1 x EU power cord
- 1 x 12V/36W power adapter



## Power Protection

### AC Version

- OVP (over voltage protection)
- OCV (over current protection)
- SCP (short circuit protection)

## Ordering Information

### Standard

|                         |  |
|-------------------------|--|
| eBOX100-312-FL-N3350-US | Fanless embedded system with Intel® Celeron® N3350 2.4 GHz, 2 HDMI, 2 GbE LANs, 6 USB, 12V/36W power adapter and US power cord |
| eBOX100-312-FL-N3350-EU | Fanless embedded system with Intel® Celeron® N3350 2.4 GHz, 2 HDMI, 2 GbE LANs, 6 USB, 12V/36W power adapter and EU power cord |
| eBOX100-312-FL-N4200-US | Fanless embedded system with Intel® Pentium® N4200 2.5 GHz, 2 HDMI, 2 GbE LANs, 6 USB, 12V/36W power adapter and US power cord |
| eBOX100-312-FL-N4200-EU | Fanless embedded system with Intel® Pentium® N4200 2.5 GHz, 2 HDMI, 2 GbE LANs, 6 USB, 12V/36W power adapter and EU power cord |

### Optional

|               |                |
|---------------|----------------|
| 2.5" SATA HDD | 64GB or above  |
| 2.5" SATA SSD | 100GB or above |
| DDR3L SO-DIMM | 2GB to 8GB     |
| 88606200010E  | Wall mount kit |
| 8816K1000A0E  | VESA mount kit |
| 881606470A0E  | DIN-rail kit   |
| 8816K1001A0E  | Wi-Fi module   |
|               | 3G/LTE module  |

\* Specifications and certifications may vary based on different requirements.

## Dimensions

