

# Industrial Automation



## Introduction

In today's industrial environment, the quest for greater efficiency, productivity, reliability, energy savings and quality control is practically universal. Darveen's EBC & DPC Series have been developed as an industrial-grade fanless computing system which incorporates the benefits of rugged design, superb computing power and excellent I/O connectivity. Designed for industrial automation, EBC & DPC fanless systems can be utilized within machine automation, automated optical inspection, solar panel inspection, packaging machinery, recycling machinery, and oil-field SCADA etc.

Darveen's EBC & DPC Series, have over the years, retained its position as the number one fanless platform in the industrial-grade computing field. This leading positioning comes from its excellent thermal design, placement, component selection, reliability validation, and open architecture. Utilizing state-of-the-art technology, the fanless design of the EBC & DPC Series enables it to operate in harsh environments.

In addition, EBC fanless system also provides embedded OS BSP (board-support-package) and Image services. The EBC & DPC fanless system is an application-ready platform which can shorten development time and also provide full-service coverage to meet diverse requirements.

## Main Features

- Open architecture: wide-range processor supported in socket type. Easy for performance upgrade.
- Same mechanical design: easy for system upgrade with the same system dimension and IO locations.
- Ready to go solution: embedded OS BSP and image ready to shorten development timeframe.
- Robust and low maintenance: fanless and robust design can reduce system down-time.
- Rich IO interfaces to meet the field devices

## Solutions

- EBC-2000 Series: Fanless Embedded Box Computer for Industrial Automation
- DPC-122: Fanless Panel PC for Industrial Automation
- DPC-152: Fanless Panel PC for Industrial Automation
- DPC-172: Fanless Panel PC for Industrial Automation

