

JBC420P891 – Pico-ITX Fanless Embedded Barebone

System with Intel Gemini Lake CPU

The JBC420P891 is a compact fanless embedded system perfect for most industrial applications. With two HDMI ports capable of support 2 displays, this system is excellent for Point-of-Sale, digital signage, or industrial automation. The JBC420P891 has a small form factor, allowing for deployment in places where space is a high priority.



SPECIFICATIONS

CPU	Intel® Celeron® J4105 Quad-core, Intel® Celeron® J4125 Quad-core
Memory Type	260-pin DDR4 2400MHz SO-DIMM
Memory Slots	1
Maximum Memory Supported	8GB
Chipset	Integrated in SoC
Integrated Graphics	Intel® UHD Graphics 600
Watchdog Timer	10 ~ 255 min/sec
Video	2 x HDMI
LAN Ports	1 x Realtek 8111H Gigabit LAN
Storage	Onboard 32GB eMMC
Extended Interface	1 x M.2 M-Key 2242 (SATA), 1 x Full-Size Mini-PCIe
Rear I/O	2 x USB 3.0, 2 x HDMI, 1 x LAN, 1 x Micro SIM Slot, 1 x 12V DC-input Jack, 1 x Kensington Lock Hole, 2 x Antenna Holes
Front I/O	2 x USB 2.0
Audio	Realtek® ALC662 HD Audio

Power Requirement	DC input 12V
Operating Temperature	32 ~ 122°F (0 ~ 50°C)
Storage Temperature	-4 ~ 185°F (-20 ~ 85°C)
OS Software Supported	Windows 10 64-bit 1709 or newer, Windows 10 IoT 2019 Enterprise 64-bit, CentOS 18.10, Fedora 29.1.2, openSUSE 15, Ubuntu 18.04, pfSense 2.4.4, FreeNAS 11.2, RedHat Enterprise 7.5, Android x86 8.1_rc2
Global P/N / SKU	1708554

Ordering Options

HBJC420P891-4125B (SKU# 1708554A): Fanless Barebone System with Intel® Celeron® J4125 Processor

HBJC420P891-4105B (SKU# 1708554B): Fanless Barebone System with Intel® Celeron® J4105 Processor