JBC142F791

**Desktop Mini-ITX Embedded Barebone
Celeron 3955U / 2 GbE / 5 COM / RJ11**

Features

➢ Desktop Embedded Barebone System with Planned Lifecycle Through Q3'2030

➢ Designed for POS or General Purpose PC

➢ Intel Celeron 3955U/3855U Dual-Core 15W

➢ Supports DDR4-2133 SODIMM up to 32GB Total

➢ Up to 2 Displays, HDMI, VGA

➢ 1 * 2.5" SATA3 6Gb/s Internal Drive Bay

➢ 1 * Full-size mSATA/Mini-PCIE Shared Slot

➢ 1 * Full-size mini-PCIE Slot (or WIFI installed)

➢ 2 * Gigabit LAN, 4 * USB 3.0 Ports, 2 * USB 2.0 Ports

➢ 5 * Serial Ports (1 * RS232/422/485, 4 * RS232)

➢ Parallel, RJ11 for Cash Drawer (12V/24V), PS/2 Port

➢ Watchdog Timer, 60W 12V AC Adapter

➢ Dimensions: 44 x 192 x 330mm

Rear

VGA PS2 LPT 2* RJ45 Line Out COM (Optional) Wifi

Wifi DC-In RJ11 HDMI COM 4* USB3.0 MIC GND

Front

2* USB2.0 HDD LED Power On/Off

Power LED Reset

Model	■ JBC142F791
Part No	■ HBJC142791-3955B (Embedded CPU, No WIFI), HBJC142791W-3955B (Embedded CPU, WIFI)
	■ HBJC142791-3855B (Non-Embedded, No WIFI), HBJC142791W-3855B (Non-Embedded, WIFI)
Processor	■ 6th Gen Intel Celeron 3955U, 2.0GHz Dual-core, Embedded CPU, 15W, Skylake-U
	■ 6th Gen Intel Celeron 3855U, 1.6GHz Dual-core, Non-Embedded CPU, 15W, Skylake-U
	■ (CPU 40mm Fan, Chassis 1 * 40x20mm exhaust fan)
Memory	■ 2 * 260-pin SO-DIMM slots supporting dual channel DDR4-2133 up to 32GB total
Storage	■ 1 * 2.5" SATA3 6Gb/s internal drive bay, 1 * Full-size mSATA/Mini-PCIE shared slot
Network	■ 2 * Realtek RTL8111H Gigabit LAN
	■ 1 * Full-size mini-PCIE slot (802.11 b/g/n + BT 4.0 installed in WIFI model), SIM Card Holder
Other Features	■ HD Audio, AHCI, Watchdog Timer 10-255 min/sec.
Rear Panel I/O	■ 4 * USB 3.0 ports
	■ 1 * HDMI 1.4 (4K @24Hz)
	■ 1 * VGA
	■ 2 * RJ45
	■ Line-out, Mic-in
	■ 5 * Serial ports (1 * RS242/422/485, 4 * RS232) (1 * COM on MB, 4 * COM in accessory box)
	■ Parallel port, RJ11 for cash drawer (12V/24V), PS/2 port
	■ 2 * Antenna holes
	■ 12V DC-In barrel jack (1-pin, 2.5mm ID/5.5mm OD)
Front Panel I/O	■ Power, Reset, 2 * USB 2.0 ports
BIOS	■ AMI UEFI 16MB Flash ROM
Box Contents	■ 60W 12V AC Adapter, US Power Cord, Manual, DVD Driver disk, 4 * COM cables, GPIO cable
	■ (2 *2dBI 2.4GHz Antenna on WIFI model)
Compliance	■ CE, FCC, RoHS, ErP Ready
Temperature	■ Operating Temperature 0~50° C, Storage Temperature -20-85 ° C
Dimensions	■ 192 x 330 x 44mm (DxWxH)
OS Support	■ Skylake CPU: Windows 7, Windows 8.1, Windows 10, Linux
	■ Kaby Lake CPU: 64bit Windows 10 UEFI, Linux UEFI
Warranty	■ 2 Years limited warranty

*Specifications subject to change without notice, not responsible for typographical errors. Does not include Memory, Storage or OS.

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