

eBOX625-841-FL/eBOX625-842-FL

Fanless Embedded System with Intel® Atom™ Processor E3826 1.46GHz or Intel® Celeron® J1900 2.0GHz, HDMI, VGA, 2 GbE LAN, 4 USB and 2 COM



Two PCI Express Mini Cards with SIM slot
Dual independent display



Two RS-232/422/485

▲ Front view



Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Atom™ processor E3826 1.46GHz / Intel® Celeron® J1900 2.0GHz
System Memory	1 x 204-pin DDR3L-1066/1333 SO-DIMM max. up to 8 GB
Chipset	SoC integrated
BIOS	AMI
System I/O Outlet	2 x RS-232/422/485 (COM1/2) 1 x VGA 1 x HDMI 1 x Audio (Mic-in/Line-out) 2 x 10/100/1000Mbps Ethernet 4 x USB 2.0 3 x SMA type connector opening for antenna 1 x VDC 12V power input connector 1 x ATX power switch 8 channel programmable digital I/O (J1900 version only)
Watchdog Timer	255 levels, 1~255 sec.
Storage	1 x 2.5" SATA HDD drive bay 1 x mSATA
Expansion Interface	1 x Full-size PCI Express Mini Card slot (USB + PCI Express signal) 1 x Half-size PCI Express Mini Card slot (USB + PCI Express signal) 1 x SIM slot
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	Input AC 90-264V, AC 36W adapter with lock Output: DC 12V @ 3A
Operating Temperature	-20°C ~ +60°C (with E3826, W.T. SSD/CAPA841) -20°C ~ +55°C (with J1900, W.T. SSD/CAPA842)
Storage Temperature	-40°C~80°C (-40°F~+176°F)
Humidity	10%~90% , non-condensing
Vibration Endurance	3 Grms with SSD (5-500Hz, X, Y, Z directions)
Dimensions	200 mm (7.87") (W) x 120 mm (4.72") (D) x 46 mm(1.81") (H)
Weight (net/gross)	1.1 kg (2.43lb)/ 1.8 kg (3.97lb)
Certificate	CE
EOS Support	WE8S, WES7

Packing List

1 x quick manual
1 x driver cd
1 x screw pack
4 x foot pad

Power Protection

DC Version

OVP (over voltage protection)
OCP (over current protection)
SCP (short circuit protection)

Features

- Intel® Atom™ E3826 1.46GHz dual-core or Intel® Celeron® J1900 2.0GHz quad-core SoC
- High performance 204-pin DDR3L-1066/1333 SODIMM max. up to 8 GB
- Fanless operation design with full feature I/O
- 2 RS-232/422/485 and 4 USB 2.0 ports
- One 2.5" SATA drive bay and mSATA supported
- 2 PCI Express Mini Card slots and 1 SIM slot
- Supports VGA and HDMI dual display
- Wide range operating temperature supported

Intel® Atom™ E3826 / Intel® Celeron® J1900 SoC onboard



Three Antenna Opening

▲ Rear view

Ordering Information

Standard

eBOX625-841-FL-E3826-US	Fanless embedded system with Intel® Atom™ E3826 1.46GHz dual-core SoC, VGA, HDMI, 2 GbE LAN, 4 USB, 2 COM, 36W AC/DC adapter, US power cord
eBOX625-841-FL-E3826-EU	Fanless embedded system with Intel® Atom™ E3826 1.46GHz dual-core SoC, VGA, HDMI, 2 GbE LAN, 4 USB, 2 COM, 36W AC/DC adapter, EU power cord
eBOX625-842-FL-J1900-US	Fanless embedded system with Intel® Celeron® J1900 2.0GHz quad-core SoC, 2GbE LAN, 4 USB, 2 COM, 8 CH DI/DO, 36W AC/DC adapter, US power cord
eBOX625-842-FL-J1900-EU	Fanless embedded system with Intel® Celeron® J1900 2.0GHz quad-core SoC, 2GbE LAN, 4 USB, 2 COM, 8 CH DI/DO, 36W AC/DC adapter, EU power cord

Optional

2.5" SATA HDD	40 GB or above
2.5" SATA SSD	4 GB or above
DDR3L SODIMM	1 GB ~ 8 GB
VESA mount kit	82606200020E
Din rail kit	82606200030E
Wall mount kit	82606200010E
Wi-Fi module	
GPS module	
Power cord	

*Specifications and certifications are based on options and may vary.

Dimensions

