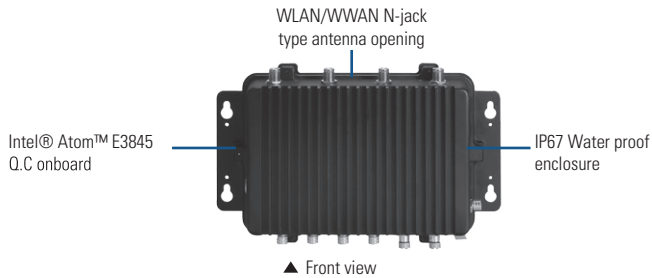


# eBOX800-841-FL

Rugged IP67-rated Fanless Embedded System with Intel® Atom™ Processor E3845 1.91 GHz, VGA, 2 GbE LANs, 2 USB, 2 COM and 9-36VDC Power Input



## Specifications

Standard Color	Black
Construction	Aluminum die-casting and heavy-duty steel, IP67
CPU	Intel® Atom™ processor E3845 1.91 GHz
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, M12) 1 x VGA (M12) 2 x 10/100/1000Mbps Ethernet (M12) 2 x USB 2.0 (M12) 1 x 9-36VDC power input (M12) 1 x ATX power switch w/indicator 4 x antenna opening N Jack type w/ water proof design
Watchdog Timer	255 levels, 1~255 sec.
Storage	1 x 2.5" SATA HDD drive bay 1 x mSATA 1 x CFast™
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
Power Supply	9-36VDC
Operating Temperature	-30°C ~ +60°C (-22°F ~ +140°F) (with E3845, W.T. SSD/DRAM)
Storage Temperature	-40°C ~ +80°C (-40°F ~ +176°F)
Humidity	10% ~ 95% , non-condensing
Vibration Endurance	3 Grms with SSD (5-500Hz, X, Y, Z directions)
Dimensions	210 mm (8.27") x 366.83 mm (14.44") x 83 mm (3.27")
Weight (net/gross)	4.31 kg (9.5 lb)/5.1 kg (11.24 lb)
Certificate	CE FCC Part 15B Class A
EOS	Win 7, Win 10

## Packing List

- 1 x quick manual
- 1 x driver CD
- 1 x water-proof PWR cable (1 m)
- 1 x water-proof VGA cable (1.8 m)
- 1 x water-proof USB 2.0 cable (1.8 m)

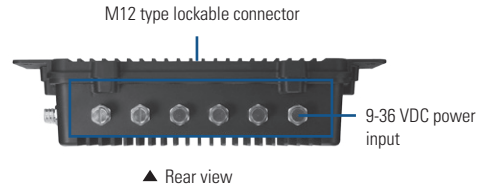
## Power Protection

### DC Version

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

## Features

- Fanless design with IP67-rated
- Intel® Atom™ E3845 quad-core onboard
- 4 antenna opening with water proof design for WLAN & WWAN usage
- Wide range operating temperature of -30°C to +60°C
- Supports wide range 9-36VDC power input
- Flexible I/O for customized designs and mission-critical projects



## Ordering Information

### Standard

eBOX800-841-FL-DC	Rugged IP67-rated fanless embedded system with Intel®Atom™ processor E3845 1.91 GHz, VGA, 2 GbE LANs, 2 USB, 2 COM and 9-36VDC power input
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### Optional

2.5" SATA HDD (W.T.)	40 GB or above
2.5" SATA SSD (W.T.)	4 GB or above
DDR3L SO-DIMM (W.T.)	1 GB - 8 GB
CFast™ (W.T.)	8 - 128 GB
LTE module kit (MC7304)	826K8000010E
Wi-Fi module kit (Intel® AC7260)	826K8000020E
RS-232 cable, 180 cm	59408122100E
LAN cable, 180 cm	594B8122720E

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

## Dimensions

