



EPB-1001

Battery Expansion Power Bank



- > Easy installation at rear side of panel PC for mobile purpose or can be used as UPS solution.
- > Support 6 to 12 hours operating depends on system power consumption.
- > Compact Size to fit in most of main stream medical displays or panel PCs.
- > Dual hot-swappable batteries.
- > Optional VESA mounting bracket

+ Spec

-System Information-	
Platform Controller Hub	LTC1760 Smart Charger IC LTC3789 Power IC
SBC	EPB-1001 battery board
MCU	IT8911
Battery	Optional Dual Hot Swappable Smart Battery Pack 14.4V 6800mAh, 99.4Wh
External I/O	
USB Port	1 x Type A
Power Output	12/19V DC-out 80W (By Jumper Setting. Default set as 19V) Optional Y-Cable available
System Control	
LED Indicator	Battery 1/ Battery 2 on the side
DC In / Out Connector	
Input Power Connector	DC Jack with Lock
Output Power Connector (DC-12V)	4P 90D(F)
DC In/Out Characteristics	
Power Type	24V/5A
Output Voltage Range	14.4V Per Battery
Reliability	
Operating Temperature	0~40°C (32°F ~ 104°F)
Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing
Storage Temperature	-40°C ~ 75°C (-40 ~ 167°F) (without battery pack)
Certifications	
Certification Information	Battery Pack: UN38.3, UL2054, EN 62133-2:2017 (Battery body EN 62368-1) EPB-1001: EN 60601-1 IEC60601-1 compliance ISO 14971 (RMF) EN 60601-1-2 4th (EMI ClassB) FCC class part-15B (ITE)
Mechanical & Environmental	
Weight	1.2kg
Vibration Test	1.5 Grms, IEC 60068-2-64
Shock Test	10g, Half Sine, IEC 60068-2-29
VESA	Optional VESA Bracket Kit (75x75/ 100x100)
Dimensions(W x L x D)	235*182*36mm
Fanless	Yes
Color	White/ Blue Black (optional)
Dust and Rain Test	Top Side IPX1

+ Ordering

EPB-1001-891-A1R	EPB-1001 Battery Expansion Box (Without Batteries)
RCC-EPB-VESA-01R	EPB-1001 VESA Bracket Kit
RCC-HID-BAT-01R	HID-2334 Totex Hot Swappable Battery, Pack of 4
RCC-HID-BATCHR-01R	4 Bay Charging Station w/120W Power Adapter
E170U080090R	External USB Cable 500mm
E170P060330R	External Power Output Cable 450mm DC Plug with lock
E170P100110R	External Power Output Y Cable DC Plug/ Power Din

