4th Gen Intel® Xeon® / Intel® Core™ Modular-Designed Embedded System

EC553-DL

C226



PCIe x16/PCI 5 expansion slots

Modular-Designed Systems

USB Drive Security

DP

mSATA

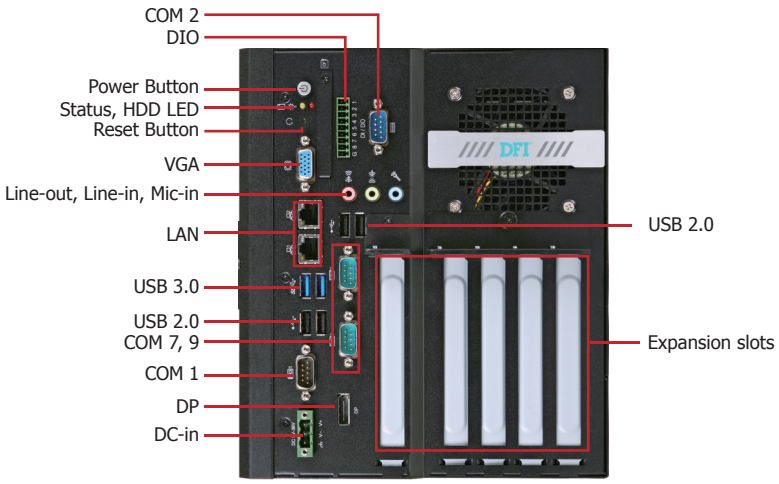
Wi-Fi

Features

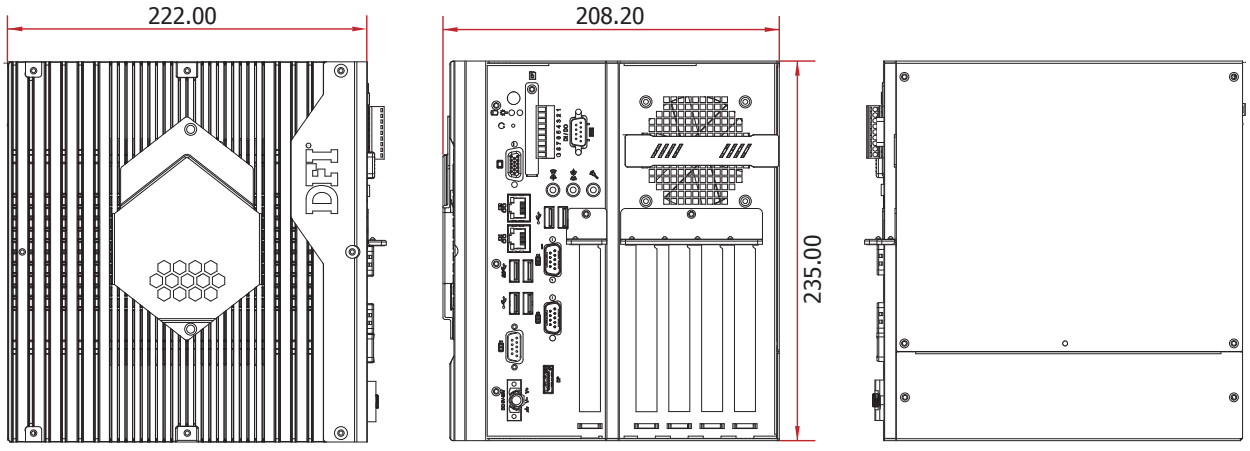
- Supports DDR3 SODIMM up to 16GB
- 2x 2.5" SATA drive bays
- 5 expansion slots

1 Vertical USB for securing data from unauthorized access

Panel



Dimensions



Left View | Front View | Right View

EC553-DL

Specifications

** Optional and is not supported in standard model. Please contact your sales representative for more information.*

PROCESSOR SYSTEM

- CPU
  - 4th Generation Intel® Xeon®/Core™ processors (22nm process technology)
    - : Intel® Xeon® E3-1268L v3 (8M Cache, up to 3.3 GHz); 45W
    - : Intel® Core™ i7-4770S (8M Cache, up to 3.9 GHz); 65W
    - : Intel® Core™ i7-4770TE (8M Cache, up to 3.3 GHz); 45W
    - : Intel® Core™ i5-4570S (6M Cache, up to 3.6 GHz); 65W
    - : Intel® Core™ i5-4570TE (4M Cache, up to 3.3 GHz); 35W
    - : Intel® Core™ i3-4360 (4M Cache, 3.7 GHz); 54W
    - : Intel® Core™ i3-4340TE (4M Cache, 2.6 GHz); 35W
    - : Intel® Core™ i3-4330 (4M Cache, 3.5 GHz); 54W
    - : Intel® Core™ i3-4330TE (4M Cache, 2.4 GHz); 35W
    - : Intel® Pentium® G3420 (3M Cache, 3.2 GHz); 53W
    - : Intel® Pentium® G3320TE (3M Cache, 2.3 GHz); 35W
    - : Intel® Celeron® G1820 (2M Cache, 2.7 GHz); 53W
    - : Intel® Celeron® G1820TE (2M Cache, 2.2 GHz); 35W
- Chipset: Intel® C226 Express Chipset

MEMORY

- Two 204-pin DDR3 SODIMM sockets
- Supports DDR3 1333/1600MHz
- Supports up to 16GB system memory
- Supports dual channel memory interface

GRAPHICS

- Intel® HD Graphics
- Display ports: 1 VGA, 1 DP
- VGA: 24-bit, resolution up to 1920x1200 @ 60Hz
- DP: 1.2a, supports DP++, resolution up to 3200x2000 @ 60Hz
- HDMI: 1.4a, resolution up to 4096x2304 @ 24Hz

STORAGE

- 2 2.5" SATA drive bays
  - SATA 3.0 port with data transfer rate up to 6Gb/s
- Supports 1 mSATA module via the mini PCIe socket

ETHERNET

- Intel® I210 PCI Express Gigabit Ethernet controller
- Intel® I217 Gigabit Ethernet Phy
- Integrated 10/100/1000 transceiver
- Fully compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab

EXPANSION

- 2 PCI slots
- 2 PCIe x16 slots (x8 signal)
- 1 PCIe x4 slot (x1 signal)
- 1 Mini PCIe slot
  - Supports USB and PCIe signals
  - Supports mSATA, Wi-Fi or 3G*
  - Supports half size or full size Mini PCIe card

FRONT PANEL I/O PORTS

- 1 power button with LED
- 1 reset button
- 1 status LED
- 1 HDD LED
- 1 VGA port
- 1 DP port
- 2 RJ45 LAN ports
- 4 Type A USB 2.0 ports
- 2 Type A USB 3.0 ports
- 4 DB-9 RS232/422/485 serial ports (with power)
- 1 9~36V DC-in 3-pole terminal block
- 1 8-bit DIO 9-pole terminal block
- Mic-in, Line-in, Line-out

POWER

- Power input voltage: 9~36V DC-in

COOLING SYSTEM

- 2 system fan

ENVIRONMENT

- Temperature
  - Operating: 0°C ~ 50°C
  - Storage: -20°C ~ 85°C
- Operating Vibration
  - IEC68-2-64
- Operating Shock
  - Half sine wave 3G, 11ms, 3 shock per axis

CONSTRUCTION

- Aluminum + SGCC

MOUNTING

- Wall mount
  - Mounting brackets and screws*

DIMENSIONS

- 235mm x 208.2mm x 222mm (W x H x D)

WEIGHT

- 7.3kg

OS SUPPORT

- Windows 7, WES 7, Windows 8, WE8S
- Linux (Distribution available upon request)

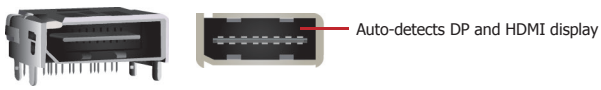
OTHER FEATURES

- Watchdog timeout programmable via software from 1 to 255 seconds

CERTIFICATION

- CE
- FCC Class A
- RoHS

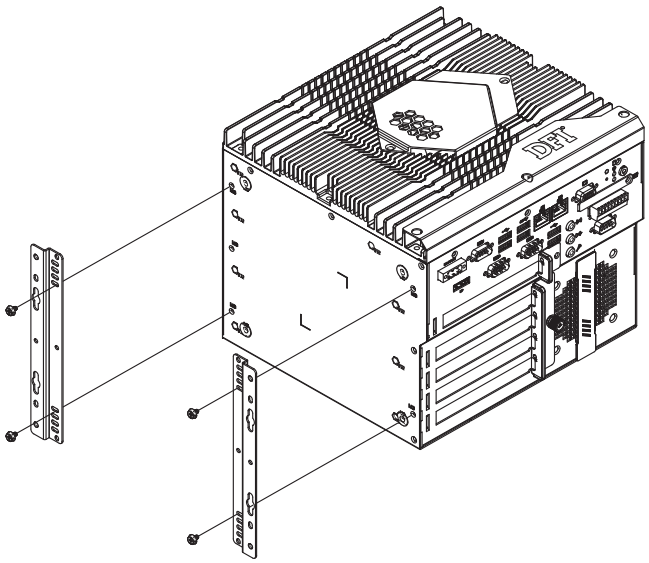
DP Port

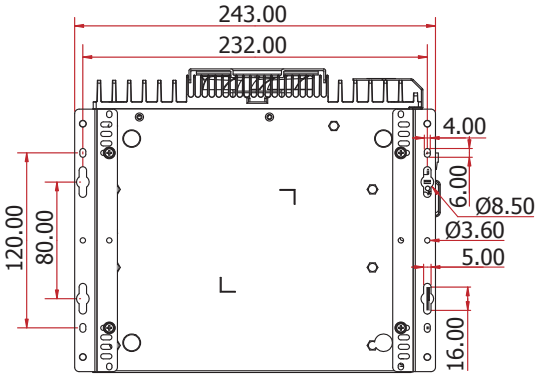


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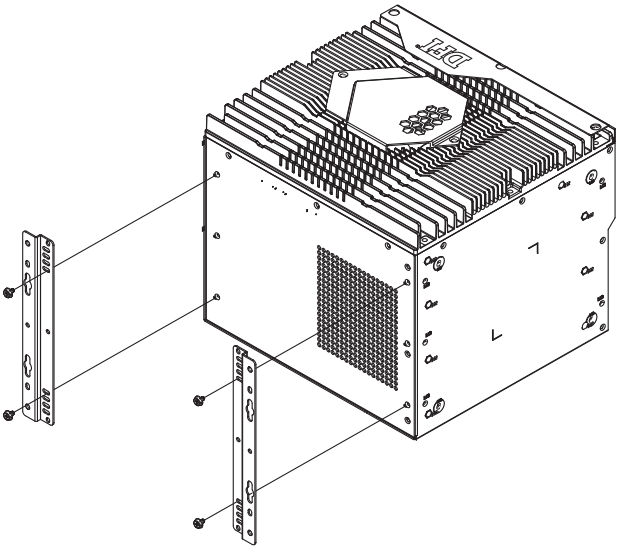
Wall Mounting

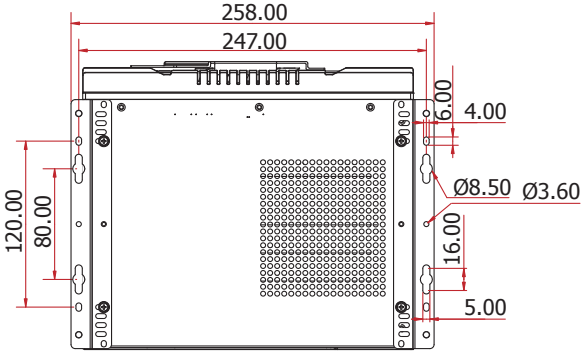
Type 1





Type 2





EC553-DL

Ordering Information

Model Name	Part Number	Description
EC553-DL4861	750-EC5530-000G	Fan, E3/i7/i5/i3, C226, 4 COM, 6 USB, 8-bit DIO, 2 PCI, 2 PCIe x16, 1 PCIe x4, RoHS

Optional Items

Optional Items	Part Number	Description
CPU	785-1150DL	CPU, LGA1150, Long-Term Support, RoHS
Memory	785-RSOD38G-L	SODIMM, DDR3L Module (supports dual voltage 1.5V DDR3/1.35V DDR3L), 8GB, RoHS
	785-RSOD34G-L	SODIMM, DDR3L Module (supports dual voltage 1.5V DDR3/1.35V DDR3L), 4GB, RoHS
	785-RSOD32G-L	SODIMM, DDR3L Module (supports dual voltage 1.5V DDR3/1.35V DDR3L), 2GB, RoHS
HDD	785-H25500G	2.5” SATA HDD, 500GB, RoHS
	785-H25320G	2.5” SATA HDD, 320GB, RoHS
	785-S251TBG	2.5" SATA SSD, 1TB MLC, RoHS
	785-S25512G	2.5" SATA SSD, 512GB MLC, RoHS
	785-S25256G	2.5" SATA SSD, 256GB MLC, RoHS
	785-S25128G	2.5" SATA SSD, 128GB MLC, RoHS
	785-S25064G	2.5" SATA SSD, 64GB MLC, RoHS
	635-604802-100G	2.5" Intel SSD SC2BW480H601, 480GB, RoHS
mSATA	785-MS128GMF	mSATA Card, 128GB MLC, RoHS
	785-MS64GMF	mSATA Card, 64GB MLC, RoHS
	785-MS32GMF	mSATA Card, 32GB MLC, RoHS
	785-MS16GMF	mSATA Card, 16GB MLC, RoHS
	785-MS08GMF	mSATA Card, 8GB MLC, RoHS
	785-MS04GMF	mSATA Card, 4GB MLC, RoHS
Wi-Fi	761-110091-000G	Wi-Fi Kit, RoHS
Power Cord	785-PWRD	Power Cord, Standards (USA/EUR/CH), 1.8m, RoHS
Power Adapter	671-110003-100G	120W, 19V/6.31A, Level 6, RoHS
Wall Mount	761-EC5410-000G	Wall Mount Kit, RoHS

Packing List

- 1 EC553 system unit

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