

E215 Series



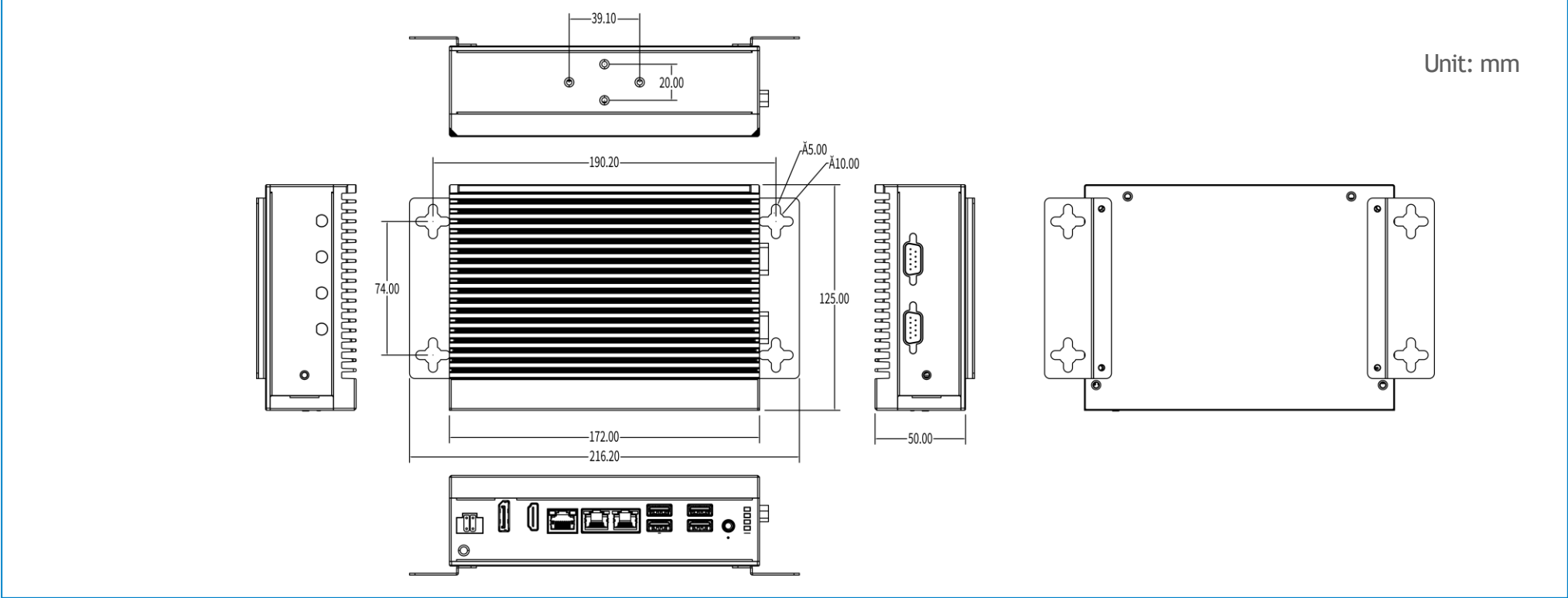
Features

- Intel® Atom / Celeron Elkhart Lake X6425E/J6412/ N6210
- Dual-channel DDR4, up to 32GB memory
- DP and HDMI Dual Display
- 3 LAN (2 x Intel i210, 1 x Intel i226)
- 2 USB 3.0, 2 USB 2.0
- 1 RS-232/422/485, 1 RS-232 (Optional)
- Support 4G/5G, Wi-Fi module expansion
- DC 9~36V, optional UPS module
- CE/FCC Class B, ESD 8KV/15KV
- Modular and cable-free design
- 172 x 125 x 50mm(L x W x H)
- Support Wall-mounting/ Din rail installation
- Windows 10/11, centos 8, ubuntu 20.04/22.04

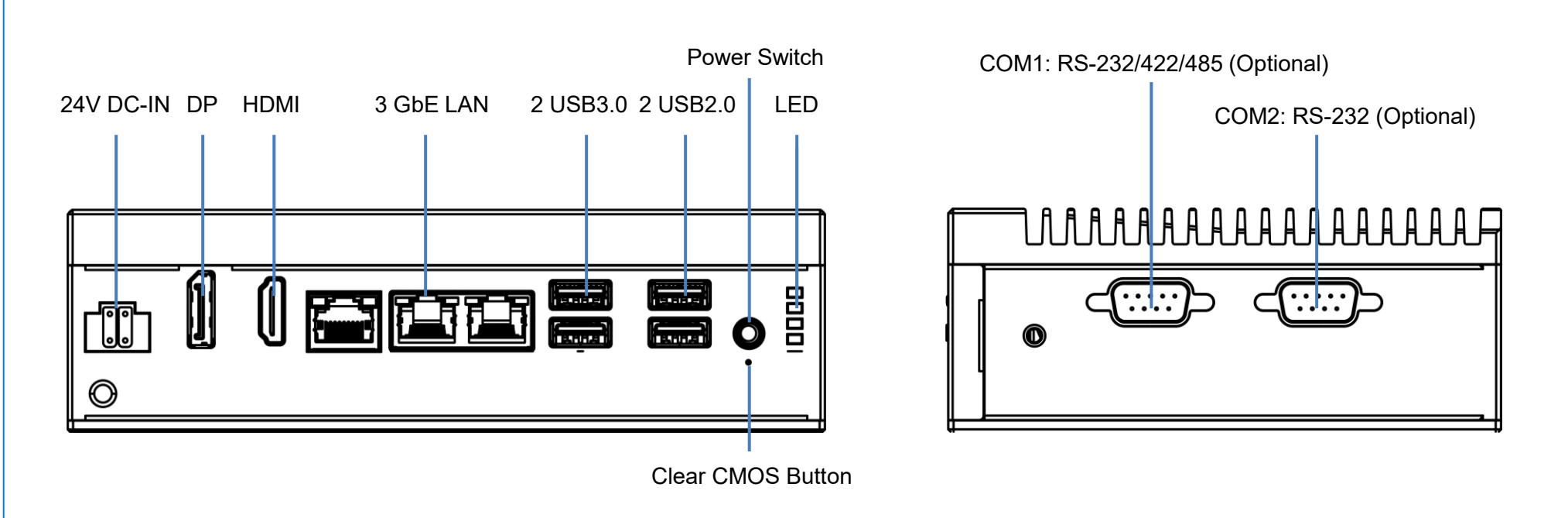
Specifications

Item		Description
Processor System	CPU	Intel® Atom / Celeron Elkhart Lake X6425E/J6412/ N6210
	TDP	12W MAX
	BIOS	AMI 128Mbit SPI Flash
Memory	Technology	2 x DDR4 SO-DIMM
	Max. Capacity	32 GB
Graphics	Controller	Intel Gen11 Graphics Engines (SoC integrated)
	Feature	DX12, OGL4.5, OCL1.2, Vulkan 1.1, MPEG2, H.264, JPEG/MJPEG, H.265 (HEVC)
External I/O	DP	1 x DP 1.4, resolution up to 4096 x 2160 @ 60Hz
	HDMI	1 x HDMI 2.0b, resolution up to 4096 x 2160@60Hz
	Ethernet	2 x Intel i210 GbE LAN, 1 x Intel i226 2.5GbE LAN
	USB	2 x USB 3.0, 2 x USB2.0
	Serial Port (Optional)	COM1: RS-232/422/485, COM2: RS-232
LED & Switch	LED Indicators	Power status, HDD, User-defined 1, user-defined 2
	Power Switch	1 x Power Switch
	Clear CMOS Button	1 x Clear CMOS Button
Internal Connectors	M.2 B-Key	1 x M.2 B-Key 3052, supports 4G/5G
	M.2 E-Key	1 x M.2 E-Key 2230, supports Wi-Fi6 (PCIe protocol supported)
	M.2 M-Key	1 x M.2 M-Key 2280 SATA3.0
	USB 2.0	2 x Internal USB 2.0 (header)
	SATA 3.0	1 x SATA3.0 (Optional)
	SIM	1 x Nano SIM
Power Supply	Input Voltage	DC 9~36V
	Power Management	AT/ATX
	Max. Consumption	30W
Others	Watch Dog	Timer Output System reset, Programmable counter from 1~255 minutes/seconds
	TPM	TPM 2.0 (Optional)
Physical Characteristic	Dimensions	172 x 125 x 50mm (L x W x H)
	Weight	1.0 kg
	Installation	Wall-mounting / Din Rail
Environment	Operational Temperature	0 ~ 60 °C (32~140°F)
	Storage Temperatur	-40° C ~ 85° C (-40~185°F)
	Operating Humidity	95% @ 40 °C (Non-condensing)
	Storage Humidity	95% @ 60 °C (Non-condensing)
Certification	EMC	CE, FCC
Operation System	OS	Windows 10/11, centos 8, ubuntu 20.04/22.04

Dimensions



Interfaces



Ordering Information

Model	CPU	Turbo Frequency	TDP	Core/ Thread	LAN	COM	USB3.0	USB2.0	DP	HDMI	Power Input
E215-01	Celeron-J6412	2.60 GHz	10W	4C/4T	3	/	2	2	1	1	9~36V DC
E215-02	Celeron-N6210	3.00 GHz	6.5W	2C/2T	3	/	2	2	1	1	9~36V DC
E215-03	X6425E	3.00 GHz	12W	4C/4T	3	/	2	2	1	1	9~36V DC
E215-1C-01	Celeron-J6412	2.60 GHz	10W	4C/4T	3	1	2	2	1	1	9~36V DC
E215-1C-02	Celeron-N6210	3.00 GHz	6.5W	2C/2T	3	1	2	2	1	1	9~36V DC
E215-1C-03	X6425E	3.00 GHz	12W	4C/4T	3	1	2	2	1	1	9~36V DC
E215-2C-01	Celeron-J6412	2.60 GHz	10W	4C/4T	3	2	2	2	1	1	9~36V DC
E215-2C-02	Celeron-N6210	3.00 GHz	6.5W	2C/2T	3	2	2	2	1	1	9~36V DC
E215-2C-03	X6425E	3.00 GHz	12W	4C/4T	3	2	2	2	1	1	9~36V DC

Optional Accessories

Part Number	Description
MF0A000000000070	WIFI+BT module M.2 2230 WIFI5 2T2R AW-CB515NF
MF0A000000000069	WIFI+BT module M.2 2230 WIFI6 2T2R AW-XB547NF
MF0A000000000016	5G module, M.2 RM500Q-GL Sub-6 GHz Worldwide (Excluding US)
MF0A000000000042	5G LTE module, M.2 RM520NGLAA-M20-SGASA, Worldwide
MF0A000000000036	4G LTE module, M.2 EM05CEFC-128-SGAS, China
MF0A000000000066	5G LTE module, M.2 RM500UCNVAA-D10-SNADA EMEA/Asia-Pacific
82UPS000000000002	Internal UPS module
MC0A000000000025	Din rail clip (25*80mm)

Optional OS

	Description
Windows	Win10 IoT Ent 2019 LTSC Entry OEM
	Win10 IoT Ent 2019 LTSC MultiLang ESD OEI High End
	Win10 IoT Ent 2019 LTSC MultiLang ESD OEI Value
	Win10 IoT Ent 2021 LTSC Multilang ESD OEI Entry
	Win 11
Linux	centos 8
	ubuntu 20.04
	ubuntu 22.04

Packing List

Part Number	Description	Quantity
-	E215 Series Fanless Industrial PC	1
KE0A000000000004	Round head screws	6
ZM0A000000000020	Three-plug power cord	1
ZM0A000000000058	12V 3A Power adaptor with 4PIN terminal	1
MC0A000000000019	Wall-mounting kits (100*37*1mm)	1