

USM-260

6th Generation Intel® Desktop Series Multiple Functional Box PC



Features

- Embedded 6th Generation Skylake Celeron G3900TE/Pentium G4400TE/ i3-6100TE/i5-6500TE/ i7-6700TE
- Compact Design for space saving
- Easy access to dual 2.5" HDD/SSD tray in front cover
- Dual Display: DP+HDMI or DP+VGA or HDMI+VGA
- Multiple IO with up to 8 x USB, 2 x LAN, 4 x COM is suitable for variety of application requests
- Easy/quick installation for expansion parts (Mini PCIe) and RAM and mSATA
- Lockable DC jack design
- Flexibility for mounting : VESA,Wall/Desk



Introduction

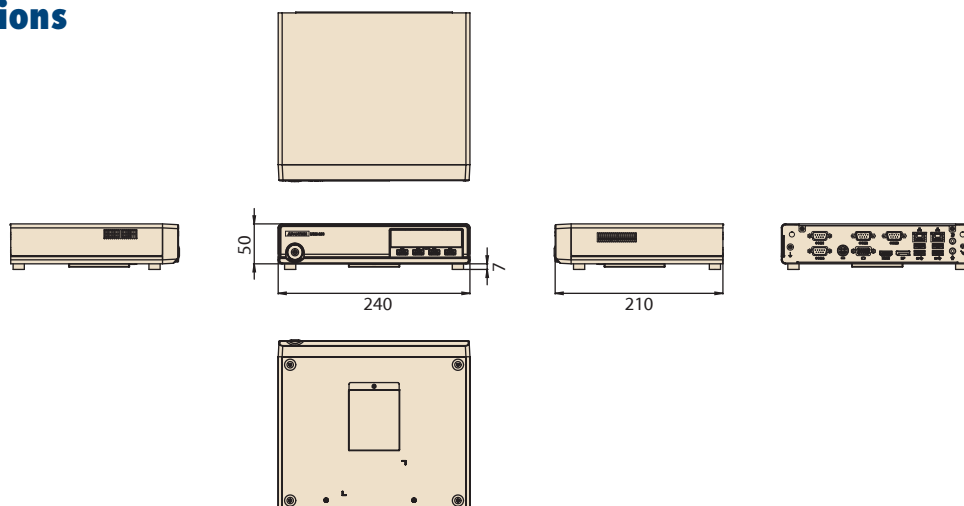
USM-260 is an intelligent multi-functional box PC equipped with the 6th generation Intel desktop processor. The system's compact design and multiple IO interface support to integrate in diverse peripherals and various application solutions that targeted at a wide range of applications (eg. Self-service system, POS system, Digital Signage Player, Edge Computing, AI and so on)in semi-industrial, retail and hospital markets.

Specifications

Processor	CPU	Celeron G3900TE	Pentium G4400T	Core i3-6100TE	Core i5-6500TE	Core i7-6700TE
	Max Speed	2.6G	2.4G	2.7G	3.3G	3.4G
	TDP	35W(With Smart Fan)				
	Chipset	H110				
Memory	Technology	Dual channel DDR4 2133 MHz SDRAM (Non-ECC)				
	Max Capacity	Up to 32GB (16GB per SO-DIMM)				
	Socket	2 x 260-pin SO-DIMM				
Storage	SATA 3.0	2				
	mSATA	1 (by Mini card slot support)				
Graphic	Capacity	Integrated Intel® HD Graphics 530				
	HDMI	Max. resolution 4096 x 2160 @ 24 Hz (HDMI 1.4)				
	Display Port	Max. resolution 4096 x 2160 @ 60Hz				
	VGA	Max. resolution 1920 x 1200 @ 60 Hz				
	Dual Display	DP+HDMI, DP+VGA, HDMI+VGA				
Ethernet	Interface	10/100/1000 Mbps				
	Controller	Realtek RTL8111G GbE LAN				
Audio	Interface	ALC662				
Front IO	USB2.0	0 (Optional 4xUSB)				
	HDD Slot	1 (Optional 2 Slots)				
Rear IO	VGA	1				
	HDMI	1				
	Display Port	1				
	RJ-45	2				
	USB3.0	4				
	Serial	2 (Optional 4 x COM) COM2,COM3,COM4 support RS-232 with selectable RI/ 5V/ 12V power, COM1 support RS-232/485with selectable RI/ 5V/ 12V power				
	Audio	1 x Line-out, 1 x Mic-in				
	DC Jack	1				
Expansion	Mini PCIe	1 F/S miniPCIe slot support mSATA; 1 H/S miniPCIe slot support PCIe/USB device				
	Color	Black				
MISCELLANEOUS	Dimension	240 x 210 x 57mm(L x W x H)				
	Power	19V, 90W				
	Mounting Mode	ACCESSORIES	VESA, Wall Mounting, Desktop			
Software	OS	WES7P, Win10, POSReady7				
Environment	Operating Temperature	HDD: 0~40 °C, SSD: 0 ~ 50 °C				
	Storage Temperature	-40 ~ 85 °C (-40 ~ 185 °F)				
	Relative Humidity	90% @ 40 °C (non-condensing)				
	Vibration during operation	With HDD:0.5Grms, IEC 60068-2-64, random 5-500HZ, 3 axes, 1hr/axis				
Certification	Shock during operation	With HDD:10 G, IEC 60068-2-27, half sine, 11 ms duration				
		CCC/BSMI/CE/FCC/UL/CB				

Dimensions

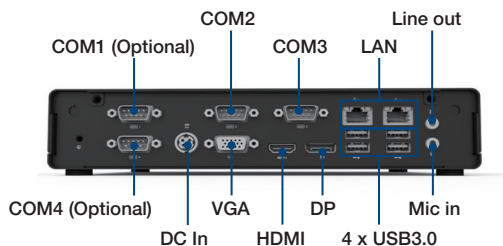
Unit: mm



Fully- Integrated I/O



4 x USB2.0 (Optional)



COM1 (Optional) COM2 COM3 LAN Line out
COM4 (Optional) DC In VGA HDMI DP 4 x USB3.0 Mic in

Ordering Information

PN	Description	Front Panel					Rear Panel				
		USB2.0	HDD/SSD Slots	DP	HDMI	VGA	LAN	USB3.0	COM	Audio	
USM-260F-BST00	Intel Skylake LGA1151 Desktop Platform Mini BOX PC w/o CPU and RAM and Storage, Standard Version	0	1	1	1	1	2	4	2	2	
USM-260F-BFL00	Intel Skylake LGA1151 Desktop Platform Mini BOX PC w/o CPU and RAM and Storage, Full Version	4	2	1	1	1	2	4	4	2	

Accessory

Accessory	PN	Description
CPU	96MPCLS-2.3-2M11T	CELERON 2.3G 2M 1151P G3900TE
	96MPPS-2.4-3M11T	PENTIUM 2.4G 3M 1151P 2 CORE G4400TE
	96MPI3S-2.7-4M11T	CORE 2.7G 4M 1151P 2 CORE I3-6100TE
	96MPI5S-2.3-6M11T1	CORE 2.3G 6M 1151P 4 CORE I5-6500TE
	96MPI7S-2.4-8M11T1	CORE 2.4G 8M 1151P 4 CORE I7-6700TE
RAM	AQD-SD4U4GN24-SG	4G, DDR4 260 PIN 2400 Mhz SODIMM
	AQD-SD4U8GN24-SE	8G, DDR4 260 PIN 2400 Mhz SODIMM
	SQF-S25M4-64G-S9C	SQF 2.5" SSD 630 64G MLC (0-70°C)
	SQF-S25M4-128G-S9C	SQF 2.5" SSD 630 128G MLC (0-70°C)
Storage	SQF-S25M4-256G-S9C	SQF 2.5" SATA SSD 630 256 MLC (0-70°C)
	SQF-S25V2-128G-SBC	SQF 2.5" SATA SSD 640 128G BiCS3 3D NAND (0-70°C)
	SQF-S25V4-256G-SBC	SQF 2.5" SATA SSD 640 256G BiCS3 3D NAND (0-70°C)
	96ND500G-ST-SG5KA1	SEAGATE 500G 2.5" SATAIII 5KRPM 16M(G)24*7
	SQF-SMSM4-64G-S9C	SQF MSATA 630 64G MLC (0-70°C)
	SQF-SMSM4-32G-S9C	SQF MSATA 630 32G MLC (0-70°C)
	Wifi Module	EWM-W135H01E
1750007465-01*2		Antenna Cable SMA(FR)/Mini coaxia L30cm
1750008717-01*2		Dipole Ant. D.B 2.4/5G WIFI 3dBi SMA/M-R BLK(outer antenna)
EWM-W168H01E		RTL8822BE-CG 802.11 a/b/g/n/ac WIFI with Bluetooth 4.2 combo ,2T2R
1750007465-01*2		Antenna Cable SMA(FR)/Mini coaxial 30cm
Power Core	1750008717-01*2	Dipole Ant. D.B 2.4/5G WIFI 3dBi SMA/M-R BLK(outer antenna)
	96CB-POWER-B-1.8MB	RW0.75 Black/3L 1.8M(CCC)
	1700001524	3P UL 10A 125V 180cm(American)
	170203183C	3P EU (WS-010+083) 183CM(European)
	1700018553	Power Cord SAA 3P 2.5A 250V 183cm(Australia)
	1700025113-11	Power Cord ISI 3P 2.5A 250V 180cm(India)
	1700018409	Power Cord KCC 2P 2.5A 250V 183cm(Korea,Russia)
	1700024849-01	Power Cord BSMI 3P 2.5A 125V 180cm(Taiwan)
	170203180A	Power Cord BSI 3P 2.5A 250V 183cm(UK)
1700008921	3P 1.8M PSE 7A 125V(Japan)	