

MBC-3100



Intel® 3865U/Core i3/i5/i7 CPU, 6 x RS-232/485 with Isolation



Product Features

- Intel® 3865U/Core i3/i5/i7 CPU
- 6 x RS-232/485 with Isolation
- 3 x GbE, 7 x USB, VGA, HDMI
- 1 x 2.5" SATA HDD / SSD, 1 x mSATA
- 1 x Mini PCIe
- 9~36 V DC Power Input

Specifications

	MBC-3100-3865U	MBC-3100-5020U	MBC-3100-6360U
Processor	Intel® 3865U up to 1.8 GHz	Intel® Core™i3-5020U up to 2.2 GHz	Intel® Core™i5-6360U up to 3.1 GHz
Memory	2 x DDR4 2133 MHz SO-DIMM up to 32GB	1 x DDR3 1333 MHz SO-DIMM up to 8GB	2 x DDR4 2133 MHz SO-DIMM up to 32GB
Graphic	By CPU	By CPU	By CPU
Operating System	Windows 7/8/10, WES7, Ubuntu	Windows 7/8/10, WES7, Ubuntu	Windows 7/8/10, WES7, Ubuntu
Hard Disk	1 x 2.5" SATA HDD / SSD	1 x 2.5" SATA HDD / SSD	1 x 2.5" SATA HDD / SSD
SSD	1 x Msata, 1 x M.2 2260/2280 NVME PCIE x4	1 x Msata, 1 x M.2 2260/2280 NVME PCIE x4	1 x Msata, 1 x M.2 2260/2280 NVME PCIE x4
COM	6 x RS-232/485 with Isolation	6 x RS-232/485 with Isolation	6 x RS-232/485 with Isolation
USB	3 x USB 2.0, 4 x USB3.0	3 x USB 2.0, 4 x USB3.0	3 x USB 2.0, 4 x USB3.0
LAN	3 x Intel i211 for GbE	3 x Intel i211 for GbE	3 x Intel i211 for GbE
Video	1 x VGA, 1 x HDMI	1 x VGA, 1 x HDMI	1 x VGA, 1 x HDMI
Audio	Line Out, Mic	Line Out, Mic	Line Out, Mic
GPIO	4 x IN, 4 x OUT	4 x IN, 4 x OUT	4 x IN, 4 x OUT
PS/2	1 x PS/2 Keyboard Mouse	1 x PS/2 Keyboard Mouse	1 x PS/2 Keyboard Mouse
Remote Switch	1 x 2Pin Remote SW	1 x 2Pin Remote SW	1 x 2Pin Remote SW
Mini PCIe	1 x full-size mini PCIe	1 x full-size mini PCIe	1 x full-size mini PCIe
SIM	1 x SIM	1 x SIM	1 x SIM
USB KEY	1 x USB2.0	1 x USB2.0	1 x USB2.0
Antenna hole	2 x SMA-type	2 x SMA-type	2 x SMA-type
Power Input	DC 9~36V	DC 9~36V	DC 9~36V
Qualification	CE, FCC Class A	CE, FCC Class A	CE, FCC Class A
Operating Temp	-10 ~ 60°C(SSD)	-10 ~ 60°C(SSD)	-10 ~ 60°C(SSD)
Storage Temp	-40 ~ 85°C	-40 ~ 85°C	-40 ~ 85°C
Relative Humidity	10 ~ 95% (No condensation)	10 ~ 95% (No condensation)	10 ~ 95% (No condensation)
Housing	Aluminum alloy	Aluminum alloy	Aluminum alloy
Mounting	Wall-mount	Wall-mount	Wall-mount
Dimension	196x148x80mm	196x148x80mm	196x148x80mm
Weight	2.5kg	2.5kg	2.5kg

	MBC-3100-8145U	MBC-3100-8256U	MBC-3100-8565U
Processor	Intel® Core™i3-8145U up to 2.1 GHz	Intel® Core™i5-8256U up to 3.9 GHz	Intel® Core™i7-8565U up to 4.6 GHz
Memory	2 x DDR4 2400 MHz SO-DIMM up to 32GB	2 x DDR4 2400 MHz SO-DIMM up to 32GB	2 x DDR4 2400 MHz SO-DIMM up to 32GB
Graphic	By CPU	By CPU	By CPU
Operating System	Windows 10, Ubuntu	Windows 10, Ubuntu	Windows 10, Ubuntu
Hard Disk	1 x 2.5" SATA HDD / SSD	1 x 2.5" SATA HDD / SSD	1 x 2.5" SATA HDD / SSD
SSD	1 x Msata, 1 x M.2 2260/2280 NVME PCIE x4	1 x Msata, 1 x M.2 2260/2280 NVME PCIE x4	1 x Msata, 1 x M.2 2260/2280 NVME PCIE x4
COM	6 x RS-232/485 with Isolation	6 x RS-232/485 with Isolation	6 x RS-232/485 with Isolation
USB	3 x USB 2.0, 4 x USB3.0	3 x USB 2.0, 4 x USB3.0	3 x USB 2.0, 4 x USB3.0
LAN	3 x Intel i211 for GbE	3 x Intel i211 for GbE	3 x Intel i211 for GbE
Video	1 x VGA, 1 x HDMI	1 x VGA, 1 x HDMI	1 x VGA, 1 x HDMI
Audio	Line Out, Mic	Line Out, Mic	Line Out, Mic
GPIO	4 x IN, 4 x OUT	4 x IN, 4 x OUT	4 x IN, 4 x OUT
PS/2	1 x PS/2 Keyboard Mouse	1 x PS/2 Keyboard Mouse	1 x PS/2 Keyboard Mouse
Remote Switch	1 x 2Pin Remote SW	1 x 2Pin Remote SW	1 x 2Pin Remote SW
Mini PCIe	1 x full-size mini PCIe	1 x full-size mini PCIe	1 x full-size mini PCIe
SIM	1 x SIM	1 x SIM	1 x SIM
USB KEY	1 x USB2.0	1 x USB2.0	1 x USB2.0
Antenna hole	2 x SMA-type	2 x SMA-type	2 x SMA-type
Power Input	DC 9~36V	DC 9~36V	DC 9~36V
Qualification	CE, FCC Class A	CE, FCC Class A	CE, FCC Class A
Operating Temp	-10 ~ 60°C(SSD)	-10 ~ 60°C(SSD)	-10 ~ 60°C(SSD)
Storage Temp	-40 ~ 85°C	-40 ~ 85°C	-40 ~ 85°C
Relative Humidity	10 ~ 95% (No condensation)	10 ~ 95% (No condensation)	10 ~ 95% (No condensation)
Housing	Aluminum alloy	Aluminum alloy	Aluminum alloy
Mounting	Wall-mount	Wall-mount	Wall-mount
Dimension	196x148x80mm	196x148x80mm	196x148x80mm
Weight	2.5kg	2.5kg	2.5kg

Ordering Information

Product number	Description
MBC-3100-3865U	Intel® 3865U, 3LAN, 7USB, 6COM, VGA, HDMI
MBC-3100-5020U	Intel® Core™ i3-5020U, 3LAN, 7USB, 6COM, VGA, HDMI
MBC-3100-8145U	Intel® Core™ i3-8145U, 3LAN, 7USB, 6COM, VGA, HDMI
MBC-3100-6360U	Intel® Core™ i5-6360U, 3LAN, 7USB, 6COM, VGA, HDMI
MBC-3100-8265U	Intel® Core™ i5-8265U, 3LAN, 7USB, 6COM, VGA, HDMI
MBC-3100-8565U	Intel® Core™ i7-8565U, 3LAN, 7USB, 6COM, VGA, HDMI

Dimensions

