

IB-BOX J6412

Industrial Fanless Computer Solution

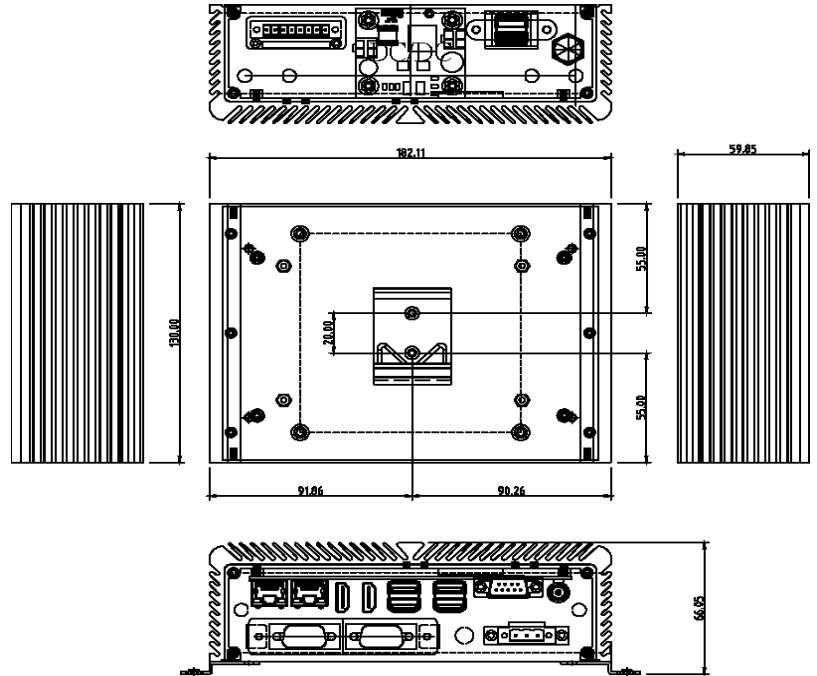
Intel® Elkhart Lake

Embedded Desktop Processors

With Intel® Celeron® Processor J6412 CPU Quad-Core, up to 2.6 GHz, TDP 10W



Core System	
CPU	Intel® Celeron® J6412 CPU Quad-Core, up to 2.6 GHz, TDP 10W
System Memory	2x 260-pin SO-DIMM DDR4 3200MT/s Max 32GB
Chipset	Intel SoC Integrated
BIOS	AMI
Storage	1x SATA 3.0 (6.0Gb/s), 1x SATA share with M.2
Watchdog Timer	1 - 255 steps by software program
Expansion Slot	2x M.2 (1x MPI, 1x SSD)
Power Input	1x DC 9-36V power input connector
Dimensions	182 x 130 x 59.85 mm
Weight	TBD
Operating Temp.	0°C to +60°C (+32°F to +140°F)
Storage Temperature	-20°C to +70°C (-4°F to +158°F)
Humidity	



System I/O	
USB	2x Front, 4x Back
Display I/O	2x HDMI Back
Audio I/O	TRS 3.5 mm (Mic-IN + Audio-Out)
Network	Back 2x RJ45 for Ethernet, 6x Location for Wireless Antenna
Serial Port	Back 1x DB9, 2x Options
Parallel Port	None
GPIO	1 x 8-bit GPIO
Others	8-pin Block Connector for Multi i/o
Power Input	9 – 36V VDC, 3-pin Block Connector or DIN-IN

Graphics / GPU	
Chipset	Intel® UHD Graphics 10th Gen, DX 12, OGL, OCL
VGA	Available via adapter
HDMI / DP	Up to 4096x2160@ 60Hz
LVDS / eDP	Up to 4096x2160@ 60Hz

Internal I/O	
USB	2 x USB 3.0
Display I/O	1 x LVDS / eDP
Audio I/O	1
Serial Port	3 x RS-232, 1x RS232/TTL/485

Others	
OS Support	UEFI OS, Windows 8/10/11, Linux
Certifications	CE / FCC
Mounting	VESA mount, DIN Rail with DIN Rail bracket (Optional) Wall Mount with Wall Mount bracket (Optional)

Remarks: 1. Specifications are subject to change without prior notice
2. ODM/OEM is available. 3. For user manual & datasheet download, visit www.ibt.ca

1-866-590-4288

