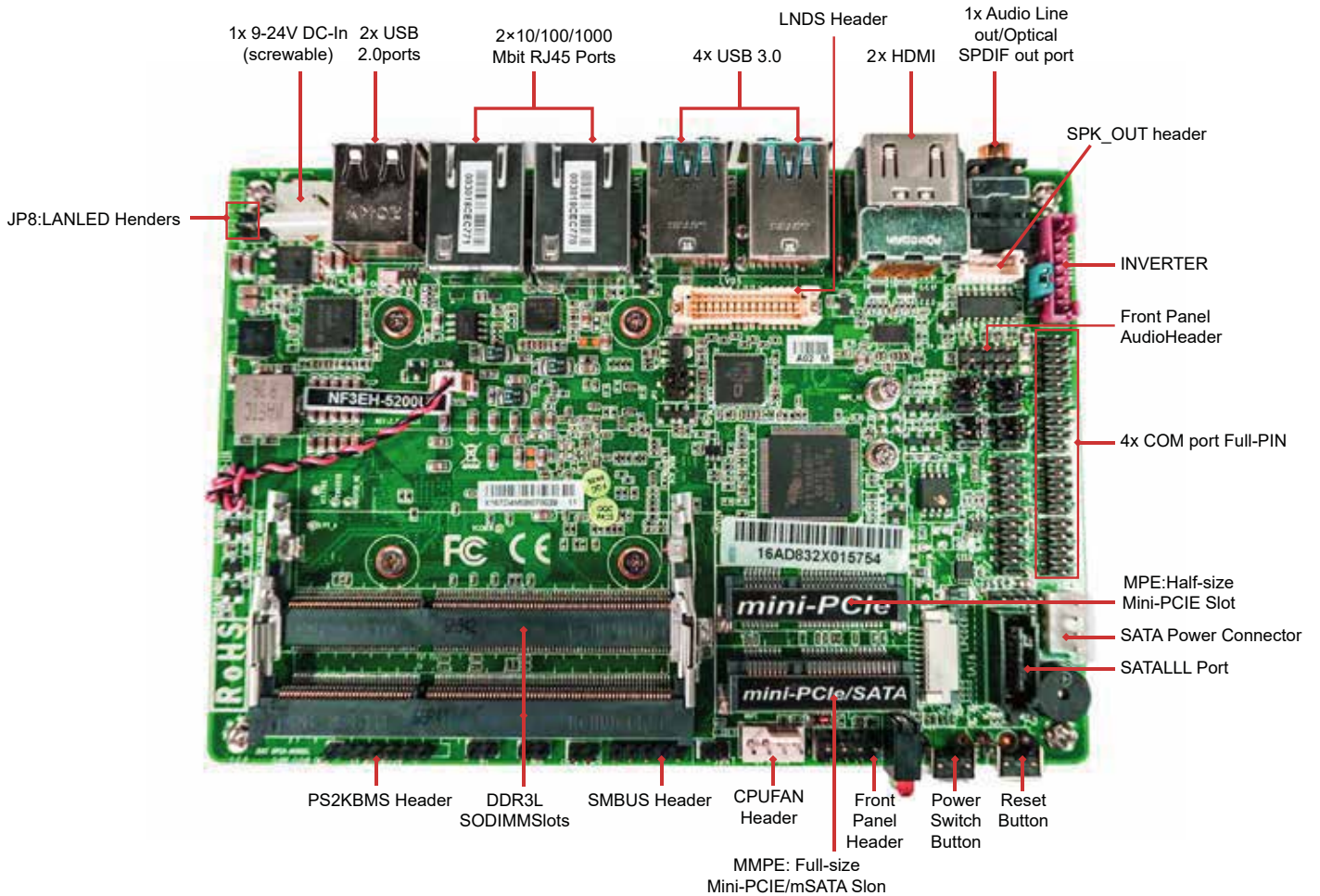


# fay-003 i5-5200u Mainboard



For whom the Celeron™ J1900 QuadCore CPU is not powerful enough they can speed up even further. After extensive testing faytech released its Intel i5-5200u Core based mainboard into standard production. Powered by Intel® i5 ULV (ultra-low voltage) processor i5-5200u, it delivers both the stability and performance, which is required for demanding operations in industrial and retail environments.



<b>Product name</b>	FAY003
<b>Article code / EAN number</b>	FTi55200u / 6920734094288
<b>Mainboard Specifications</b>	
Fanless, no moving parts	•
CPU	Intel® i5 ULV (ultra low voltage) processor i5-5200u
CPU-clockspeed / Turbo Speed	2.2 GHz / 2.7 GHz
Tjunction CPU (°C)	105
Chipset	Intel® Broadwell architecture
BIOS	AMI 128MB Flash ROM
Watchdog Timer (1~255 steps by software program)	•
Wake On LAN/PCE	• (WOL, PXE)
Graphic	Intel HD graphics 5500; DirectX 11.1, OpenGL 4.0
Graphics Base Frequency	300 MHz
Graphics Max. Dynamic Frequency	900 MHz
External maximum showable resolution - HDMI	2560×1600 @ 60Hz
External maximum showable resolution - DP	3840×2160 @ 60Hz
Audio-Chip	Realtek ALC662 HD Audio Codec
5.1 Channel High Definition Audio Codec	•
Network	Intel I211AT PCI-E Gigabit PCI-E LAN chip & Intel I218LM Gigabit LAN PHY
Power consumption PC-Part (W):	15
Standard working power (V):	9-24
Operating temperature (°C):	-10 ~ +60
Humidity range (RH)	20%-90%
PASSMARK CPU-Benchmark	3508
Net weight mainboard (g):	180
Dimensions (cm) L x W:	3.5"form factor: 14.8 x 10.2
Drivers	Win7, Win8, Win10; Linux; 32Bit/64Bit
<b>Included in delivery</b>	
Driver-DVD	•
Short Installation Manual	•
Standard Guarantee	2 years bring-in

Internal Connectors
2x SO-DIMM Slot, max. 8GB, unbuffered DDR3L-1333/1600 Single channel memory, up to 16GB together
1x 9-24V DC power connector (2-pin)
1x SATAIII 6G/s Connector (SATA1), SATA1 port & M-SATA connector (MMPE) supports RAID0/1 function.
1x LAN LED activity header
1x LVDS connector
1x 5-pin LCD power connector
1x SMBUS header
1x SPK-OUT header (for 3W / 8OHM amplifier)
1x Line-Out / Mic-In audio pin header
1x PS/2 keyboard/mouse connector (6-pin)
2x USB 2.0 header supports additional 3x USB 2.0 ports
4x Serial port header (COM1 supports RS422/RS485 function)
1x 8-bit Digital I/O interface (GPIO header)
1x Chassis Fan connector

External Connectors
2x HDMI
4x USB 3.0, 2x USB 2.0 ports
2x 10/100/1000Mbit RJ45 Ports
1x Audio Line out/Optical SPDIF out port
4x COM port Full-PIN (Com1: RS232/RS422/485 switchable)
1x 9-24V DC-In (screwable)
1x On/Off-button; 1x Button-Line with On/Off + 4 GPIO-buttons on front panel
2x W-LAN connector
1x 2.5" module slot

Expansion slots
1x Full-size Mini-PCIE/mSATA slot (MMPE)
1x Half-size Mini-PCIE slot (MPE)

## Corporate Headquarters

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