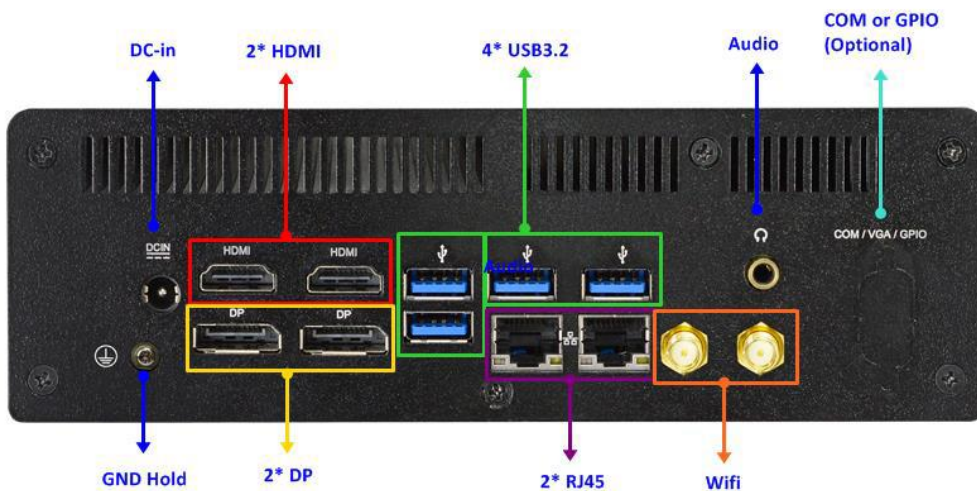
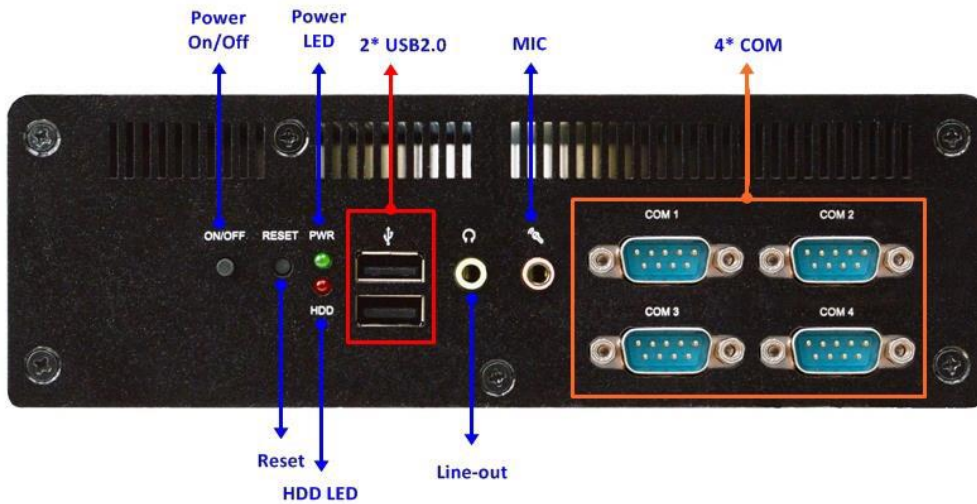




Features

- Fanless Embedded Barebone System with Planned Lifecycle Through Q3'2035
- Intel Tiger Lake-UP3 Processors for High Performance with Low Power
- Supports DDR4-3200 up to 64GB Total Memory
- Intel® Iris® Xe Graphics
- 4 * 4K Displays or 1 * 8K Displays (DP)
- M.2 PCIE 4.0 x4 NVME, M.2 2230 for WIFI, 1 * 2.5" Bay
- 1 * Intel 2.5GbE + 1 * Intel 1GbE Ethernet
- 4 * USB 3.2 Gen2, 2 * USB 2.0, Up to 4 * Serial Ports
- Watchdog Timer, 12V -24V DC-In, 60W AC Adapter
- Includes Wall and Din Rail Mounting Brackets



Model	<ul style="list-style-type: none"> ■ FDF05
Part No	<ul style="list-style-type: none"> ■ HBFDF05-45G7-B, HBFDF05-45G7-T (TPM 2.0), HBFDF05I-45G7-T (WIFI, TPM 2.0) ■ HBFDF05-35G7-B, HBFDF05-35G7-T (TPM 2.0), HBFDF05I-35G7-T (WIFI, TPM 2.0)
Processor	<ul style="list-style-type: none"> ■ Fanless Intel Core i5-1145G7E processor, Long-Life Embedded CPU, Supports Intel vPro ■ Fanless Intel Core i5-1135G7 processor, Non-embedded CPU
Memory	<ul style="list-style-type: none"> ■ 2 * 260-pin DDR4-3200 SO-DIMM up to 64GB total memory
Storage	<ul style="list-style-type: none"> ■ 1 * 2.5" internal bay for SATA3 6Gb/s ■ 1 * M.2 M-key 2242/2280 PCIE 4.0 x4 NVME
Network	<ul style="list-style-type: none"> ■ 1 * Intel i225-LM 2.5GbE, 1 * Intel i219-LM Gigabit LAN supporting iAMT ■ WIFI Model: includes M.2 AC-WIFI+BT installed ■ Non-WIFI Model: open M.2 E-key 2230 slot (USB/PCIE)
Other Features	<ul style="list-style-type: none"> ■ AHCI, Watchdog Timer 10-255 min/sec., AT/ATX Power Mode, Optional Onboard TPM
Front Panel I/O	<ul style="list-style-type: none"> ■ Power, Reset, LEDs ■ 2 * USB 2.0 ports ■ Up to 4 * Serial ports (2 * RS232, 2 * RS232/422/485) (2 * installed & 2 * cables in box)
Rear Panel I/O	<ul style="list-style-type: none"> ■ 4 * USB 3.2 Gen2 ports (10Gb/s) ■ 2 * RJ45 ■ 2 * HDMI 2.0b 4K@60Hz ■ 2 * DisplayPort 1.4 4K@60Hz ■ Up to 4 * 4K@60Hz Displays or 1 * 8K@60Hz (DP) Displays ■ Line-out/Mic Combo jack ■ 12V - 24V DC-in jack ■ 2 * Antenna holes, 1*DB9 punchout
BIOS	<ul style="list-style-type: none"> ■ AMI Flash ROM
Box Contents	<ul style="list-style-type: none"> ■ 90W 12V AC Adapter, US Power Cord, Wall/DIN Mount Brackets, Antenna (WIFI model)
Compliance	<ul style="list-style-type: none"> ■ CE, FCC, RoHS, ErP Ready
Temperature	<ul style="list-style-type: none"> ■ Operating Temperature -20 ~ 50 ° C with M.2 SSD ■ Operating Temperature 0 ~ 50 ° C with 2.5" drive ■ Storage Temperature -40 - 85° C
Dimensions	<ul style="list-style-type: none"> ■ 142.4 x 193 x 62mm (DxWxH)
OS Support	<ul style="list-style-type: none"> ■ Windows 10 64bit, Windows 11 64bit, Linux
Warranty	<ul style="list-style-type: none"> ■ 2 Years limited warranty

*Specifications subject to change without notice, not responsible for typographical errors. Does not include memory, HDD, optical, or OS.



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