

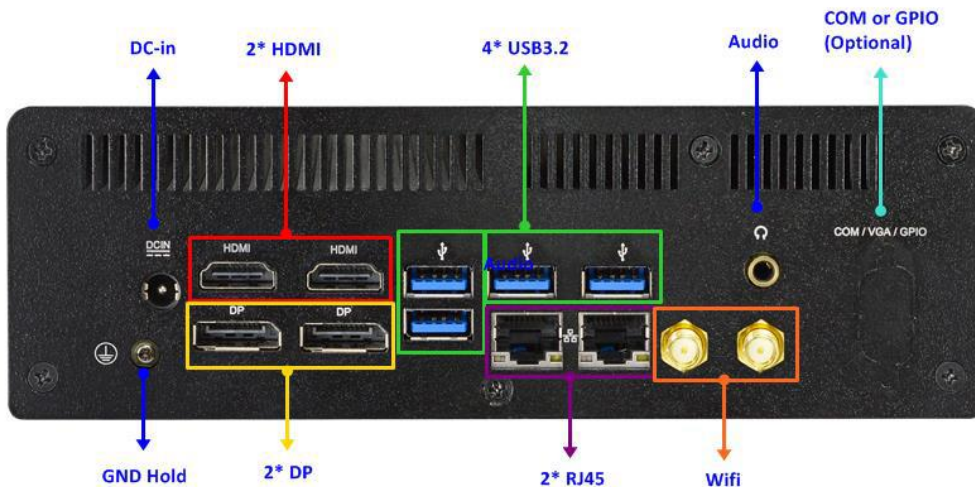
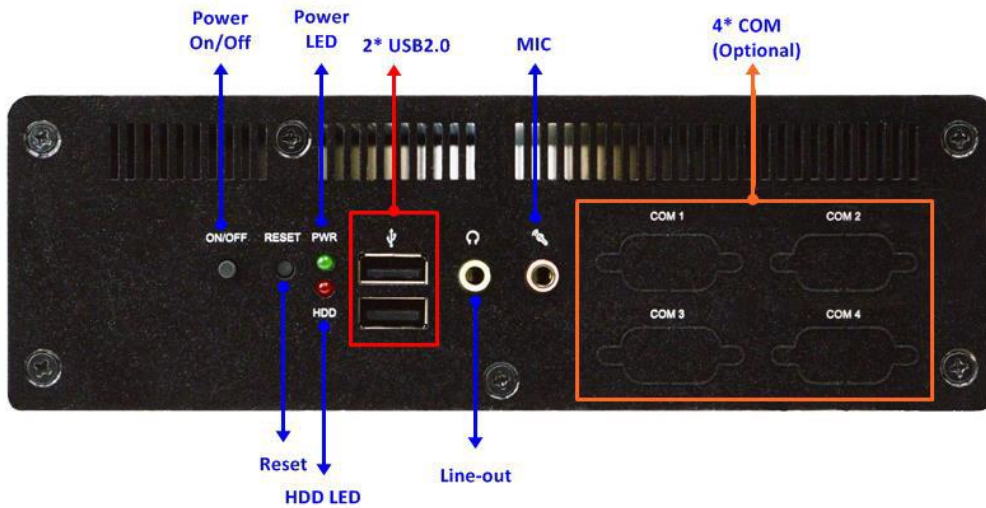
# FDF05

## Fanless Tiger Lake-UP3 Embedded Barebone 4\*4K Displays / 2.5GbE / M.2 PCIE 4.0 x4



### 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 2 \* 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 ports, 2 \* USB 2.0 ports
- Watchdog Timer, 12V -24V DC-In, 60W AC Adapter
- Includes Wall and Din Rail Mounting Brackets



<b>Model</b>	<ul style="list-style-type: none"> <li>■ FDF05</li> </ul>
<b>Part No</b>	<ul style="list-style-type: none"> <li>■ Embedded CPU: HBFDF05-45G7-B, HBFDF05-45G7-T (TPM 2.0)</li> <li>■ Non-Embedded CPU: HBFDF05-35G7-B, HBFDF05-35G7-T (TPM 2.0)</li> </ul>
<b>Processor</b>	<ul style="list-style-type: none"> <li>■ Fanless Intel Core i5-1145G7E processor, Supports Intel vPro</li> <li>■ Fanless Intel Core i5-1135G7 processor</li> </ul>
<b>Memory</b>	<ul style="list-style-type: none"> <li>■ 2 * 260-pin DDR4-3200 SO-DIMM up to 64GB total memory</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>■ 1 * 2.5" internal bay for SATA3 6Gb/s</li> <li>■ 1 * M.2 M-key 2242/2280 PCIE 4.0 x4 NVME</li> </ul>
<b>Network</b>	<ul style="list-style-type: none"> <li>■ 1 * Intel i225-LM 2.5GbE, 1 * Intel i219-LM Gigabit LAN supporting iAMT</li> <li>■ WIFI Model: includes M.2 Intel 9260 (non-vPro) AC-WIFI+BT</li> <li>■ Non-WIFI Model: open M.2 E-key 2230 slot (USB/PCIE)</li> </ul>
<b>Other Features</b>	<ul style="list-style-type: none"> <li>■ AHCI, Watchdog Timer 10-255 min/sec., AT/ATX Power Mode, Optional Onboard TPM</li> </ul>
<b>Front Panel I/O</b>	<ul style="list-style-type: none"> <li>■ Power, Reset, LEDs</li> <li>■ 2 * USB 2.0 ports</li> <li>■ Line-out, Microphone</li> <li>■ 4 * DB9 punchouts</li> </ul>
<b>Rear Panel I/O</b>	<ul style="list-style-type: none"> <li>■ 4 * USB 3.2 Gen2 ports (10Gb/s)</li> <li>■ 2 * RJ45</li> <li>■ 2 * HDMI 2.0b 4K@60Hz</li> <li>■ 2 * DisplayPort 1.4 4K@60Hz</li> <li>■ Up to 4 * 4K@60Hz or 2 * 8K@60Hz (DP)</li> <li>■ Line-out/Mic Combo jack</li> <li>■ 12V - 24V DC-in jack</li> <li>■ 2 * Antenna holes, 1*DB9 punchout</li> </ul>
<b>BIOS</b>	<ul style="list-style-type: none"> <li>■ AMI Flash ROM</li> </ul>
<b>Box Contents</b>	<ul style="list-style-type: none"> <li>■ 60W 12V AC Adapter, US Power Cord, Wall/DIN Mount Brackets, Antenna (WIFI model)</li> </ul>
<b>Compliance</b>	<ul style="list-style-type: none"> <li>■ CE, FCC, RoHS, ErP Ready</li> </ul>
<b>Temperature</b>	<ul style="list-style-type: none"> <li>■ Operating Temperature 0~50 ° C</li> <li>■ Storage Temperature -10-70 ° C</li> </ul>
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>■ 142.4 x 193 x 62mm (DxWxH)</li> </ul>
<b>OS Support</b>	<ul style="list-style-type: none"> <li>■ Windows 10 64bit, Linux</li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>■ 2 Years limited warranty</li> </ul>

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



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