



Model	– HBFDF835-8365-V (CPU: I5-8365UE, Default) – HBFDF835I-8365-V (CPU: I5-8365UE, Wifi) – HBFDF835-1021-V (CPU: I5-10210U) – HBFDF835I-1021-V (CPU: I5-10210U, Wifi)	
CPU/Chipset	– Intel® Whiskey Lake-U SoC Processor (TDP 15W) Notes : When the system runs, CPU will automatically adjust its working clock frequency according to changing workload.	
BIOS	– AMI Flash ROM	
Memory	– 2* DDR4 2400MHz SO-DIMM up to 64GB	
Network	– 1* Intel® i219LM GbE – 1* Intel® i225V 2.5GbE	

Graphics	– Intel® HD Graphics, shared memory – 1* DP (Max Resolution: 4096×2304@60Hz) – 1* HDMI 1.4 (Max Resolution: 4096×2160@30Hz) – Support Dual Displays
Storage	– 1* M.2 M-key (2242/2280, PCIe x4/SATA interface) support NVMe – 1* 2.5" SATAIII Device (support 2.5" HDD with a height ≤ 10mm)
Expansion	– 1* M.2 E-key (2230) support CNVi for WiFi expansion
Rear Panel I/O	– 4 * USB 3.1 (Gen.2) – 1 * USB 3.1 (Gen.2) Type C (USB data transfer only) – 1 * HDMI 1.4 (Max. resolution:4096 x 2160@30Hz) – 1 * DP (Max. resolution:4096 x 2304@60Hz) – 2 * RJ45 – 1 * Line-out – 1 * COM – 1 * DC-in jack
Front Panel I/O	– 1 * Power button – 1 * Reset button – 1 * Power LED – 1 * HDD LED – 2 * USB 2.0 – 1 * Line-out – 1 * MIC – 4 * COM
Internal Connector	– Onboard TPM2.0
Power Source	– MB: DC-in 9~24V – Adapter: AC_90~240V / DC12V / 90W
Compliance	– CE, FCC, LVD Ready
Dimensions	– System: 193 (W) x 142.4 (D) x 62 (H) mm – Box: 250 (W) x 118 (D) x 295 (H) mm
Temperature	– Operating Temperature: -20 ~ 60° C (Under the condition of using M.2 interface SSD) – Operating Temperature: 0 ~ 50° C (Under the condition of using 2.5" SATA HDD) (The test environment is closed and windless) – Storage Temperature: -40 ~ 85° C – Humidity: 10% ~ 95% RH @40°C (non-condensing)
OS Support	– Windows 10, Windows 11, Linux