

HT5000

Highly expandable Panel PC based on Intel® Ivy Bridge platform



The HT5000 Panel PC family is based on Intel® Ivy Bridge platform and 35 or 45 Watt third generation Core™ i3, Core™ i5, Core™ i7 Dual and Quad Core and Celeron dual core processors on socket. The all-in-one motherboard feature two USB 3.0 and two USB 2.0 with rear access and three 10/100/1000 Mbps Ethernet with "Jumbo Frame" and "Wake on Lan" support. It also features one connector for mSATA SSD, a serial RS232 interface, one rear external

access CFast SATA II slot, an additional standard DVI-I (DVI-D + VGA) video output. HT5000 can also be configured in RAID 0, 1 (optional) and it features connectors for two 2,5" SATA III HDD or SSD (also with extractable drawers). The RAM can be configured up to 16 GB RAM with two DD3 SODIMM modules. HT5000 family is available with 15" in 4:3 aspect ratio, 17" and 19" in 5:4 aspect ratio and 15.6", 18.5", 21.5", 24" in Wide 16:9 aspect ratio

16 million color TFT LED Backlight LCDs and aluminium (HT) or aluminium True Flat (HT-TF) with 5 wires resistive touchscreen front panels with one USB port. The versions with 15.6", 18.5" and 21.5" Wide LCDs are also available with Aluminium True Flat front panels with glass projected capacitive Multitouch-screen (HT-TFM). Panels with 15", 17" and 19" LCDs are also available with Stainless Steel True Flat front panels (HT-TFX).



+ Highlights

- Panel PC with 0-50 °C operating temperature
- Intel® Ivy Bridge platform with third generation Core™ i3, Core™ i5, Core™ i7 dual and quad core and Celeron dual core up to 45 W processors on socket
- 15" in 4:3 aspect ratio, 17" and 19" in 5:4 aspect ratio and 15.6", 18.5", 21.5", 24" in Wide 16:9 aspect ratio TFT LCDs
- RAID 0, 1 configurations, also with extractable drawers (optional)
- 110/230 VAC or 24 VDC power supply
- 1 PCI or 1 PCIe x4 (S1 version) or 3 PCI or 2 PCI and 1 PCIe x4 (S3 version) expansion slots
- IP66 front panel protection degree
- Optional kit for ATX mode push button
- CE, cULus LISTED (508) certifications

Gallery



Technical data

	HT5000	HT5000-TF	HT5000-TFX	HT5000-TFM
LED backlight TFT LCD	15.0" - 1024x768 15.6" W - 1366x768 17" - 1280x1024	18.5" W - 1366x768 19" - 1280x1024 21.5" W - 1920x1080 24" W - 1920x1080	15.0" - 1024x768 17" - 1280x1024 19" - 1280x1024	15.6" W - 1366x768 18.5" W - 1366x768 21.5" W - 1920x1080 24" W - 1920x1080
TOUCHSCREEN	Resistive 5 wires GFG (optional)	Resistive 5 wires	Resistive 5 wires	P-CAP Multitouch, 4 fingers
FRONT PANEL	Aluminium	True Flat Aluminium	True Flat Stainless Steel	True Flat Aluminium
PROTECTION GRADE	IP66 - front			
PROCESSOR (on socket)	Intel® Celeron™ 1020E, 2.20GHz, 2 cores / 2 threads, 2MB Smart cache, 35W Intel® Core™ i3-3120ME, 2.40GHz, 2 cores / 4 threads, 3MB Smart cache, 35W Intel® Core™ i5-3610ME, 2.70GHz (3.3GHz Turbo), 2 cores / 4 threads, 3MB Smart cache, 35W Intel® Core™ i7-3610QE, 2.30GHz (3.3GHz Turbo), 4 cores / 8 threads, 6MB Smart cache, 45W			
CHIPSET	Intel® HM76 Express Chipset			
VIDEO CONTROLLER	Intel® HD Graphics, 650MHz integrated in Celeron™ microprocessor Intel® HD Graphics 4000, 650MHz integrated in Core™ microprocessor			
SYSTEM MEMORY - RAM	2GB or 4GB or 8GB or 16GB (2 x SODIMM DDR3 modules)			
RAID	RAID 0, 1 (optional) with Intel® QM77 Express Chipset			
MASS STORAGE	1 bootable CFast embedded on board with external access 2 x SSD 2,5" or HDD 2,5" SATA III (also in RAID or with extractable drawers) 1 x mSATA SSD SATA III			
LAN	3 x LAN 10/100/1000Mbps (2 x Intel® 82574L, 1 x Intel® 82579LM)			
USB	2 x USB 3.0 (Type-A, rear) 2 x USB 2.0 (Type-A, rear) 1 x USB 2.0 (Type-A, front)		2 x USB 3.0 (Type-A, rear) 2 x USB 2.0 (Type-A, rear)	
SERIAL	1 x RS232 (DB9M)			
PS/2	1 x PS/2 for keyboard or mouse			
VIDEO OUTPUT	1 x VGA or 1 x DVI-I (DVI-D + VGA)			
ADD-ON INTERFACES (optional, max 1)	1 x RS232/422/485 (DB15M) + 1 x USB 2.0 (Type-A) 1 x RS232/422/485 (DB15M) isolated + 1 x USB 2.0 (Type-A) 2 x RS232 (DB9M) 2 x USB 2.0 (Type-A) 1 x Ethernet 10/100/1000Mbps, Intel® 82574L Unmanaged Ethernet switch 4 x 10/100/1000Mbps			
EXPANSION SLOTS	S0	2 x MiniPCI dedicated to ASEM fieldbuses, I/O and NVRAM boards		
	S1	2 x MiniPCI dedicated to ASEM fieldbuses, I/O and NVRAM boards 1 x PCI or PCIe x4 (5 Gb/s)		
	S3	2 x MiniPCI dedicated to ASEM fieldbuses, I/O and NVRAM boards 3 x PCI or 2 x PCI + 1 x PCIe x4 (5 Gb/s)		
POWER SUPPLY UNIT	24VDC isolated with or without UPS (optional only for S0 or S1 versions) with external battery pack 110V / 230VAC			
O.S. CERTIFIED	Microsoft Windows 7 Pro/Ultimate 32/64bit, Windows XP Pro 32bit, Microsoft Windows Embedded Standard 7E/7P 32/64 bit, Windows Embedded Standard 2009 (XPe SP3) 32bit, Microsoft Windows Embedded Compact 7 Pro, Microsoft Windows 8.1 Industry Pro			Microsoft Windows 7 Pro/Ultimate 32bit, Microsoft Windows Embedded Standard 7P 32 bit, Microsoft Windows 8.1 Industry Pro
OPERATING TEMPERATURE	0°- 50°C 0°- 45°C with HDD 24x7 5°- 45°C with standard HDD			
APPROVALS	CE, cULus LISTED			