

# HT2150 new

## Entry level fanless Panel IPC based on Intel® Bay Trail platform



The fanless Panel IPC family HT2150 is an entry-level solution (available with small LCD sizes) that offers an excellent performance/price ratio. It is based on the Celeron J1900 2GHz quad core 64 bit processor of the Intel® Bay Trail™ System On Chip (SoC) platform. The "all in one" motherboard

provides two Ethernet 10/100/1000Mbps ports, that support "Jumbo Frame" and "Wake on Lan" functionalities, a USB 3.0 port, a USB 2.0 port, a SATA II CFast slot with rear access, an mSATA connector for SATA II SSD, up to 8 GB RAM with one DDR3 SODIMM module and an internal connector for additional serial or USB interfaces.

HT2150 IPCs are available with 16 million color LED Backlight TFT LCDs from 6.5" to 15.6", in 4:3 and Wide aspect ratio, with Aluminium or Aluminium True flat front panels, 5 wires resistive touchscreen and an additional USB 2.0 port on front. All version with Wide LCDs are also available with TrueFlat Multitouch front panels, with

glass projected capacitive touchscreen. HT2150 systems have an isolated 24 VDC power supply input and are available in two versions, the SL with a reduced depth and the S0 with the possibility to install additional interfaces.



### Highlights

- Ubiquity remote assistance software providing remote access to the system
- Support to 32 or 64 bit operating systems
- "All in one" motherboard
- High performance Intel® Bay Trail™ SoC platform
- Fanless panel IPC with 0-50° C operating temperature
- 6.5", 8.4", 10.4", 12.1" and 15" LCD in 4:3 aspect ratio, 7", 10.1", 12.1" and 15.6" LCDs in Wide aspect ratio
- Isolated 24 VDC power supply input
- SL version with reduced depth
- S0 version with the possibility to install additional interfaces
- CE, cULus LISTED (61010) certifications

## Gallery



## Technical data

	HT2150	HT2150-TF	HT2150-TFM
LED backlight TFT LCD	7" W - 800x480 8.4" - 800x600 10.1" W - 1280x800 10.4" - 800x600 12.1" - 800x600 12.1" - 1024x768 12.1" W - 1280x800 15.0" - 1024x768 15.6" W - 1366x768		7" W - 800x480 10.1" W - 1280x800 12.1" W - 1280x800 15.6" W - 1366x768
TOUCHSCREEN	Resistive 5 wires GFG (optional)	Resistive 5 wires	P-CAP Multitouch
FRONT PANEL	Aluminium	True Flat Aluminium	True Flat Aluminium
PROTECTION GRADE	IP66 - frontal		
PROCESSOR	Intel® Celeron J1900 2.0GHz, 4 cores / 4 threads, 2MB L2 cache, soldered		
VIDEO CONTROLLER	Intel® HD Graphics integrated in microprocessor, 688MHz Clock 854MHz Turbo, LVDS 8bit/color digital interface		
SYSTEM MEMORY - RAM	1GB or 2GB or 4GB or 8GB (1 x SODIMM DDR3 module)		
MASS STORAGE	1 bootable CFast slot on board with external access 1 x SSD mSATA SATA II		
LAN	2 x LAN 10/100/1000Mbps (2 x Intel® I210)		
USB	1 x USB 3.0 (Type-A, rear) 1 x USB 2.0 (Type-A, rear) 1 x USB 2.0 (Type-A, front)		1 x USB 3.0 (Type-A, rear) 1 x USB 2.0 (Type-A, rear)
ADD-ON INTERFACES (optional for S0, 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) 1 x USB 2.0 (Type-A)		
POWER SUPPLY UNIT	24VDC isolated		
O.S. CERTIFIED	Microsoft Windows 7 Pro/Ultimate 32/64 bit, Microsoft Windows Embedded Standard 7E/7P 32/64 bit, Microsoft Windows Embedded Compact 7 Pro, Microsoft Windows 8.1 Industry Pro 32/64 bit, Microsoft Windows 10 64 bit, Microsoft Windows 10 IoT Enterprise 2016 64 bit		
OPERATING TEMPERATURE	0°- 50°C		
APPROVALS	CE, cULus LISTED (61010) pending		