

BPC-600

INDUSTRIAL BAREBONE COMPUTER

artech
art of technology

Industrial Computer Solutions



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The **Artech Barebone PC** is manufactured from high-quality industrial components, designed to meet the demanding conditions of manufacturing environments. It stands out with its robust design, power supply filter, dust-protected aluminum and stainless steel body. The fanless cooling system offers silent operation, while the special locked slot facilitates easy hard drive replacement.

MAIN ADVANTAGES

- **Industrial Durability:** Uninterrupted operation even in harsh conditions.
- **Smooth Performance:** Optimized for reliable operation.

KEY FEATURES

- **Robust Design:** Durable structure for challenging manufacturing conditions.
- **Power Supply Filter:** Reduces electrical noise and enhances system stability.
- **Dust-Protected Body:** Maximum protection with aluminum and stainless steel materials.
- **Fanless Cooling:** Silent operation and reduced maintenance need.
- **Easy Hard Drive Replacement:** Practical and secure storage solutions with special locked slot.

TECHNICAL SPECIFICATIONS

SYSTEM

Cooling	: Ultimate Series Fanless Cooling System
CPU	: Intel i7/ i5/ i3
Cache	: By CPU
Memory	: 8GB/ 16GB/ 32GB DDR4 So Dimm 0-80Cdeg Wide Temp. Range
Video RAM	: Shared Memory
Chipset	: H110
Watchdog Timer	: 1 Sec. or 1 Min. Step
System Fan	: Fanless

INPUT/OUTPUT

I/O Controller	: ITE® I/O Controller Chip
Serial Port	: 2 x RS232/ 422/ 485
Parallel Port	: N.A.
USB Port	: 2 x USB 2.0, 2 x USB 3.0 by Pin Header 2 x USB 3.0 at I/O
LAN	: 2 x RJ-45 Gigabit
Wireless LAN	: Opsiyonel (802.11 b/g/n* 2.4Ghz/5.8Ghz)
Audio	: Mic-in, Line-out
Expansion Slot	: N.A.

DATA STORAGE

HDD Type	: 2.5" SATA 6Gb/s - QuickChange HDD Bay
HDD Storage	: 64GB/ 128GB/ 256GB/ 512GB 0-70Cdeg Wide Temp. Range

FEED

Power	: 24VDC - Adapter Included
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EXTRA VIDEO OUTPUT

Type	: HDMI / DP
Max. Resolution	:

Integrated Graphics Processor - Intel® HD Graphics support
1 x Display Port, supporting a maximum resolution of 4096x2304@60 Hz
* Support for DisplayPort 1.2 version.
1 x HDMI port, supporting a maximum resolution of 4096x2160@24 Hz
* Support for HDMI 1.4 version.
Maximum shared memory of 1024 MB

H/W MONITORING

System Voltage Detection
CPU/System Temperature Detection

BIOS

2 x 64 Mbit Flash
Use of Licensed AMI UEFI BIOS
Support for DualBIOS™
PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0

MECHANICAL & ENVIRONMENTAL FEATURES

Working Temp.	: 0 ~ 60°C
Storage Humidity	: 5 ~ 95% (Non-Condensing)
Case	: Paslanmaz Metal Kasa
Front Frame	: IP54
Weight	: 4,5 kg

