

# INDUSTRIAL COMPUTING SOLUTIONS

READY FOR YOUR APPLICATION



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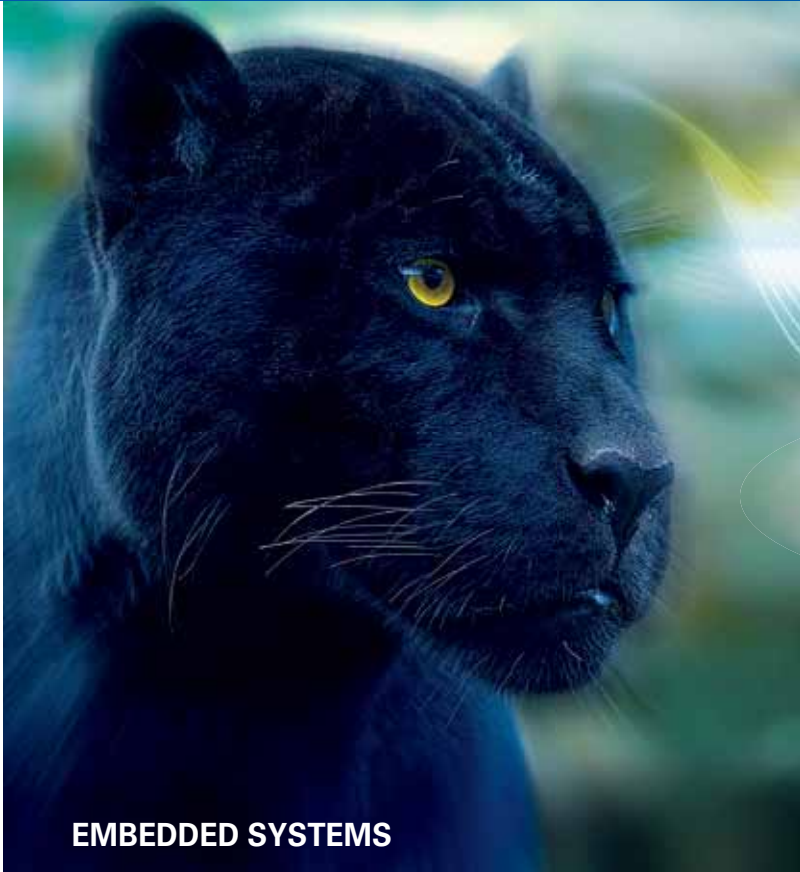
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**EMBEDDED SYSTEMS**

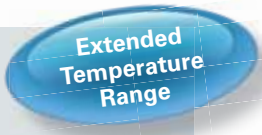


**FANLESS SOCKET G CORE™ I5/I7 SYSTEM  
ARB BT-750x Series**

- Wide Range DC Power Input (10 ~ 28V)
- Serial port with 5V/12V power output
- Rugged Design for Shock/Vibration Protection
- Optional: 1x PCIe x1 + 1x PCIe x16
- 1x Mini-card, 1x SIM socket
- Support Various Video Interfaces (Analog RGB, DisplayPort)
- Support GSM/UMTS, SIM Card for Connection
- Support DDR3 SO-DIMM up to 8GB

**FANLESS SOCKET P CORE™ 2 DUO SYSTEM  
ARB BT-730x Series**

- Up to 2.5GHz Core™ 2 Duo Processor
- DDRII SODIMM x 2, Max. 4GB
- COM x 4, 2 x Gig LAN RJ45
- USB 2.0 x 8 (4x front, 4x rear)
- 1x VGA, 1x Display Port, 1x DVI
- 1 or 2 PCI Slots
- Opt. wide temperature: -40°C to +70°C



**COMPACT INTEL® ATOM™ SYSTEM  
IT-121 Series**

- Revision & Issue Controlled
- Intel® Atom™ N450 & D410 Fanless
- Intel® Atom™ D510 with Fan
- S3 Graphics Chrome 435 ULP
- Supports 3 Independent displays
- 1 x 2.5" HDD bay, 1 CF socket
- 1 VGA, 1 HDMI & 2 DVI-I
- 1 LAN, 6 USB, 2 COM



**FANLESS INTEL® ATOM™ D525 1.8GHZ  
ARB BT-3500 CAR PC**

- 2 x 204-pin DDR3 SO-DIMM 800 MHz, up to 4GB
- Intel® ATOM™ D525 + ICH8M Chipset
- Digital I/O 1 x 16-bit digital I/O: 8 in/8 out
- 1 x PCIe x1 slot, 1 x Mini-card slot
- HSUPA module, 1 x SIM socket (outside accessible)
- Power Input DC 6~32V input
- Operating Temp. -20 ~ 70°C ambient w/ air flow
- Module 3.5G, GSM/GPRS, WLAN optional



**FANLESS CORE™ 2 DUO SYSTEM  
ARB BT-5100A**

- Intel® Core™ 2 Duo L7500 1.6 GHz
- DDRII SODIMM x 2, Max. 4GB
- 2x RS-232, 2x RS-232/422/485 COM1&2
- 4x USB 2.0, PS/2
- Gigabit Ethernet, 4x RJ-45
- 2x PCI, 2x PCMCIA
- 1x DVI-I - VGA By Y Cable
- MXM Graphics Module Support





PANEL PCs



**12" - 19" D525 DUAL CORE™ PPC  
FL BT-PPC 790 Series**

- Intel® Atom™ D525 Dual Core™ 1.8GHz
- CPU with integrated graphics + ICH8M
- 2 x DDR3 DIMM up to 4GB
- 2.5" Slim HDD bay, SATA HDD
- 1 x support 802.11 b/g/n WLAN card
- 4 x USB 2.0 Type A, 4 x RJ45 COM
- 1 x D-sub 25F, 1 x RJ-45 (10/100/1000Mbps Giga LAN)
- Support cash drawer 1 x (12V / 24V)
- 1 x Latch Type, 1 x Mic-in, 1 x Line-out

100% Fanless

**10" - 17" INTEL® ATOM™ N270 FANLESS PPC  
WC BT-7822 Series**

- Intel® Atom™ N270 1.6 GHz CPU
- 1GB RAM SODIMM DDRII 533 (Max. 2GB)
- 2.5" 160GB HDD Inc.
- Intel® 945GSE + ICH7M chipset
- 5-wire Resistive touch ATM
- Front bezel IP65, Color Black
- USB2.0 x 4, RS232 x 2, RS232/422/485 x1
- LAN Gigabit x 1, VGA,



**17" - 19" INTEL® CORE™ 2 DUO FANLESS PPC  
WC BT-7821 Series**

- 17" - 19"
- Intel® Core™ 2 Duo 2.16GHz
- 1GB RAM (max. 2GB RAM)
- Resistive, capacitive or SAW touchscreen
- 1x Gig LAN, 4x USB, 4x COM, 2x PS2
- Open Frame, Panel Mount, Chassis Type



**12" - 15" FULL IP65 STAINLESS PPC  
WC BT-8865 Series**

- 12" - 15"
- Intel® Atom™ N270
- 512MB RAM (max. 2GB)
- Resistive touchscreen
- 2x Gig LAN, 4x USB, 3x COM
- Full IP65 Waterproof



Full IP65  
Panel PC

**8.4" - 19" MARINE GRADE FANLESS PPC  
WM Marine Series**

- AMD LX800 500MHz CPU
- Aluminium Housing
- RS232 x 2, RS232/422/485 x 1
- USB x 2, CF x 1, VGA x 1
- 8 to 36V DC Input
- IP65 Front, IP54 Rear





**19" INDUSTRIAL COMPUTERS**

**BUILT TO ORDER CORE™ I5/I7 SYSTEM**  
**BT 19" 4U Panther i7 System**

- 19" 4U Industrial PC
- Compact Design
- Based on Core™ i5/i7 architecture
- PCI Express and PCI slots
- Fully redundant (RAID, redundant power supply)
- Also available in 1U or 2U

**BUILT TO ORDER CORE™ 2 QUAD SYSTEM**  
**BT 19" 4U Panther Quad System**

- 19" 4U Industrial PC
- Compact Design
- Based on Core™ 2 Duo/Core™ 2 Quad architecture
- PCI Express, PCI and ISA slots
- Fully redundant (RAID, redundant power supply)
- Also available in 1U or 2U



**BUILT TO ORDER CORE™ 2 QUAD SYSTEM**  
**BT 19" 6U Panther Quad System**

- PICMG 1.0 to support multiple PCI & ISA slots
- PICMG 1.3 to support multiple PCI, PCI-X & PCI-e slots
- Single PS/2 & Dual PS/2 PSU options
- Detachable card cage for easy installation & maintenance
- Three 12cm cooling fans



**BUILT TO ORDER MOBILE CORE™ I5/I7 SYSTEM**  
**BT 19" 2U Panther Mobile Core i7 system**

- 19" 2U Industrial PC-Compact Design
- Based on Core™ i5/i7 architecture
- Up to 5 PCI / PCI Express Slots
- Fully redundant (RAID, Redundant power supply)
- Only 442mm deep



**CUSTOMISED SYSTEMS**  
**Built to Order**

- Designed on Customers individual requirements
- Configured even in small numbers
- Available with the latest technology
- Motherboard or backplane based
- Many different chassis designs
- Long-term availability
- Also for embedded and Panel PC Systems



REVISION & ISSUE CONTROLLED MOTHERBOARDS / PCI-E EXPANSION

**INTEL® CORE™ I7/I5/I3 ATX MOTHERBOARD  
MB-PT630-NRM**

- Intel® Core™ i7, i5, i3 & Pentium G6950
- Intel® Q57 chipset (Ibex Peak)
- Up to 16GB DDR3 1066/1333
- 1 PCI-E x16, 1 PCI-E x4, 2 PCI-E x1, 3 PCI
- Available until Q1 2017



**INTEL® CORE™ 2 QUAD ISA ATX MOTHERBOARD  
MB-EL620-C**

- Intel® Core™ 2 Quad
- Intel® G41 Express Chipset
- 5 x PCI, 3 x ISA slots
- Up to 4GB DDR3 800/1066
- Dual GB Lan
- 4 or 8 COM options
- Available until Q4 2017



**INTEL® CORE™ I7/I5 MINI-ITX MOTHERBOARD  
MB-CP100-NRM**

- i7/i5 Mobile rPGA988A
- Intel® QM57 Ibex Peak-M PCH
- Two 204-pin SODIMM sockets
- Up to 8GB DDR3 800/1066
- 1 PCI-E x1, 1 PCI
- 2x COM, VGA and DVI out
- Dual GB Lan
- Available until Q1 2017



**INTEL® CORE™ 2 QUAD ATX MOTHERBOARD  
MB-EL630-NR**

- Intel® Core™ 2 Quad
- Intel® Q45 Express Chipset
- 1 PCI-E x16, 1 PCI-E x4, 5 PCI
- Up to 16GB DDR3 800/1066
- Dual GB Lan
- Available until Q1 2016



**INTEL® CORE™ I7/I5/I3 MICRO-ATX MOTHERBOARD  
MB-CP337-NR(M)**

- i7/i5/i3 Mobile BGA1288
- Intel® QM57
- Up to 8GB DDR3 (supports ECC)
- 2 x PCI, 1 PCIe x16, 1 PCIe x4
- CompactFlash Socket
- Dual GB Lan
- Available until Q3 2017



**INTEL® CORE™ I7/I5 MINI-ITX MOTHERBOARD  
MB-HR100-CRM**

- i7/i5 Mobile rPGA988B
- Intel® QM67
- Up to 16GB DDR3 SODIMM
- 1 PCI-E 2.0 x16
- 2 PCI-E x1 Fingers for a Riser
- CompactFlash Interface
- Dual GB Lan
- Available until Q4 2017



PCI EXPRESS EXPANSION

**PCI EXPRESS GEN2 EXPANSION KIT  
OSS-KIT-EXP-8000**

- PCIe x8 Host cable adapter can be inserted into a x8 or x16 slot of a host enclosure
- Target HIB25 fits into left-hand slot of downstream 2-slot backplane
- Gen 2 2-slot backplane
- PCIe x8 cable with x8 connectors in 1m, 2m, 3m, 5m, 7m, and 8m lengths



**1U PCI EXPRESS EXPANSION SYSTEM  
OSS-PCIe-1U-ENCL-EXP4**

- 1U expansion enclosure
- Including four PCIe x16 Gen 2 expansion slots
- 850 watt power supply
- System monitoring
- PCIe x16 Gen 2 host cable adapter





**INDUSTRIAL FLASH / SSD**

**2.5" SATA SSD WITH CAPACITOR**  
ATP Velocity SuperCap Series

- Built-in capacitor
- Data protection from sudden power-off
- Capacity: 16GB to 128GB
- Read: 260MB/sec.
- Write: 240MB/sec.

**Data Protected  
from Power Loss**

**2.5" SATA SSD SLC WIDE TEMP.**  
ATP Velocity SII Series

- SSD with SLC NAND Flash
- Capacity: 16GB to 128GB
- Read: 260MB/sec.
- Write: 240MB/sec.
- Operating Temp.: -40°C to +85°C



**SLIM SATA EMBEDDED MODULE**  
ATP Vertical SlimSATA Series

- SSD with SLC NAND Flash
- Capacity: 2GB to 16GB
- Read: 116MB/sec.
- Write: 102MB/sec.
- Operating Temp.: 0°C to +70°C



**INDUSTRIAL GRADE COMPACTFLASH**  
ATP CFI Series

- Ruggedized CompactFlash card
- Capacity: 128MB to 16GB
- Type I CompactFlash
- Supports Pure IDE, PIO, MW-DMA, UDMA mode
- Write: up to 45MB/sec.



**INDUSTRIAL GRADE MICROSD**  
ATP microSDI Series

- Rugged microSD card
- Capacity: 128MB to 4GB
- Fully encapsulated
- Read: 22,5MB/sec.
- Write: 20MB/sec.





**5 & 14 Port USB over IP Hub**  
DIGI Anywhere USB supporting Multi-hosting

- with Multi-Host Connections
- Access and monitor USB devices over TCP/IP network
- Works with existing POS or other application software
- Excellent in virtualized environments such as VMware®
- Creates systems redundancy and increases security
- Simplifies operations and reduces IT support

**CELLULAR, WIRELESS & WIRED LAN GATEWAYS**

**WI-FI TO CELLULAR ROUTER**  
DIGI Transport WR Series

- High speed cellular interfaces
- GSM GPRS/EDGE/HSPA/CDMA EV-DO
- opt. integrated 802.11b/g Wi-Fi and 4-port Ethernet switch
- Flexible interfaces incl. serial, GPS, USB and telemetry
- Powerful integrated end user programming
- Component of PCI DSS compliant solution
- Integrated VPN
- Dual SIM



**1 - 4 PORT RS-232/422/485 RJ-45**  
DIGI ConnectPort TS W Series

- Available with 1, 2 or 4 RS-232/422/485 interfaces; software selectable
- 802.11b/g WLAN interface
- 10/100 Mbit Ethernet interface
- Strong WPA/WPA2/802.11i wireless LAN security
- SSL/TLS and SSHv2 support with 256-bit AES encryption



**ETHERNET TO HIGH SPEED WIRELESS**  
DIGI Connect WAN Series

- Ethernet to high speed (2G/2.5G/3G/4G) wireless routers
- Enterprise primary and backup wireless WAN connectivity
- Unique Digi SureLink™ "always-on" connection
- 10/100Base-T or serial connection to existing router
- Industrial and GSM-R options available



**2.4 GHZ STAND-ALONE RADIO MODEMS**  
DIGI Xstream Series

- Indoor/urban range up to 450 meters
- Outdoor line-of-sight range up to 32 Km
- 7 frequency hopping channels, each with 65K available addresses
- Outstanding receiver sensitivity (-110 dB @9600 bps)
- Low power consumption for power-sensitive applications
- RF Data rate: 10.000 bps or 20.000 bps



DEVICE NETWORKING

**1 – 16 PORT RS-232/422/485 RJ-45**  
DIGI PortServer TS Series

- Serial to Ethernet Server
- Opt. with extended temp. (-35° C to +74° C)
- Opt. 19" rack mountable



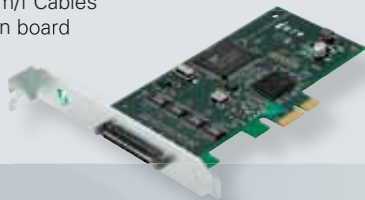
**CONSOLE SERVER 4 -48 RJ45 SERIAL PORTS**  
DIGI Passport Series

- Free KVM-Technology
- Native IPMI-support
- IPv4/IPv6 dual stack
- Advanced customizable scripting
- Port buffering/logging for detailed troubleshooting



**2 - 16 PORT SERIAL PCI(E) CARDS**  
DIGI NEO Series

- PCI-X & 64-bit slot compatible
- PCI Express options
- Opt. DB-9 or DB-25 m/f Cables
- Surge suppression on board



USB/SERIAL CONNECTIVITY

**USB TO SERIAL CONVERTER**  
DIGI Edgeport Series

- 1- 16 serial Ports to USB
- RS-232, RS-422, or RS-485 serial ports
- Opt. USB, parallel ports or powered USB ports
- Opt. Rackmountable



**CONSOLE SERVER 8 -48 RJ45 SERIAL PORTS**  
DIGI CM Console Server Series

- SSHv2 server and client ensure secure access
- In-band and out-of-band console management
- Secure clustering allows multi-server access via one IP address
- Opt. DC and dual AC power



**5 PORT USB OVER IP HUB**  
DIGI Anywhere USB/5 Gen 2

- Network-attached USB hub easily connects remote USB devices to a LAN
- Ideal for connecting USB devices in virtualized environments such as VMware®
- Access and monitor USB and serial devices over a TCP/IP connection
- Compatible with bulk or interrupt type USB devices
- Multi-Host Connections (on select models)



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