

► V Box Express

Industrial Box PC

Industry Capability and High Performance with Compact Design



Powered by Embedded
Dual Core Processor

- High performance with Intel® Pentium® M 2.0 GHz or with new Intel® Core2 Duo™
- Equipped with a scalable ETXexpress module
- Powerful and robust industrial box pc
- Compact size of HxWxD: 270x145x218 mm wall mount or desktop

► Product Overview

Kontron's V Box Express is a powerful and robust industrial box PC, designed especially for rugged use in close proximity to machinery. RoHS-compliant, equipped with a scalable ETXexpress module and high-performance processors up to Intel® Pentium® M 2.0 GHz or with the new Intel® Core2 Duo™, the new V Box Express is optimally equipped for every task in measurement, controls, operation and visualization.

With small dimensions of (HxWxD) 270x145x218 mm, the compact box PC is used primarily where little space is available, such as in enclosures, consoles, or directly on machines. The high electromagnetic compatibility and the resistance to shock and vibration make the system ideal for use in robust environments.

► Technical Information

Features	V Box Express
Construction	Heavy Duty Steel
Mounting	Wall Mount, Desk Top
Dimensions (HxWxD)	270 x 145 x 218 mm
Control Panel Switch	Power on
CPU	Pentium M® 2.0GHz or Intel® Core Duo™ up to 2.0GHz
DRAM	up to 2 Gbyte SDRAM
Drives Internal	1 or 2 x 2.5" removable HDD SATA optional (PCI Slot mounted), 1x Compact Flash + 1x Compact Flash optional
I/O Standard	2 x RS 232, 2 x RS 232/422/485 optional, 1 x DVI-I, 1 x DVI-D optional 4 x USB 2.0 + 2 x USB 2.0 optional
Ethernet	1xLAN 10/100, 1xLAN 10/100/1000
Certified and Supported PC Boards	ETXexpress Module
Expansion Slots	4 x PCI Half Size or 2 x PCI + 2 x PCI Express x1
Power Supply	24 V DC +/- 20%
Cooling	2 Chassis FAN
Certifications	CE, FCC A, designed to meet UL and TÜV
Shock IEC 60068-2-27	15G 11 ms operating
Vibration IEC 60068-2-6	2G 10-500 Hz operating
Humidity rel.	5-95% @ 40° C non condensing
Operating System	WIN XP (embedded), LINUX (embedded)
MTBF	> 25000 h
Operating temperature	0° to 50° C
RoHS compliant	yes

► Corporate Offices

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