

# ▶ V Box Express II

## Industrial BOX PC

Industry Capability and High Processor Performance with Compact Design



- ▶ 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: 235x330x130 mm wall mount or desktop

## ► Product Overview

Kontron's V Box Express II 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 II is optimally equipped for every task in measurement, controls, operation and visualization. The integrated innovative cooling concept realizes a passive and fanless cooling.

With small dimensions of (HxWxD) 235x330x130mm, 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 II
Construction	Heavy Duty Steel
Mounting	Wall Mount, Desktop
Dimensions (HxWxD)	235 x 330 x 130 mm
Control Panel Switch	Power on
CPU	up to Intel® Core2 Duo™ 2.16 GHz
DRAM	up to 2 Gbyte SDRAM
Drives Internal	1-2x 2.5" removable HDD SATA optional (PCI Slot mounted) 1-2x CF
I/O Standard	4-6x USB 2.0, 1x LAN 10/100/1000, 2x RS232 (opt. +2x RS232/422/485), 1x DVI-I (opt. 2nd DVI)
Ethernet	1x LAN 10/100, 1x LAN 10/100/1000
Certified and Supported PC Boards	ETXexpress Module
Expansion Slots	2x PCI Half Size, ExpressCard slot instead of CF slot
Power Supply	24 V DC +/- 20%
Cooling	Fanless
Certifications	CE, FCC A, cULus, GOST, CB
Shock IEC60068-2-27	Operating: 15G, 11ms; Storage: 30G, 11ms duration
Vibration IEC 60068-2-6	Operating: 10-500 Hz, 1G/3 axis Storage: 10-500 Hz, 2G/3 axis
Humidity rel.	5-95% @ 40°C non condensing
Operating System	WINDOWS XP (embedded), LINUX (embedded)
MTBF	> 40000 h
Operating temperature	0° to 50° C
RoHS compliant	yes

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