VersaView® 6300 Představení

Květen 2021

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Agenda

1 Trendy na trhu

2 Stávající a nová nabídka průmyslových počítačů

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4 Podpora prodeje a dokumentace

5 Příklady aplikací

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Trendy na trhu

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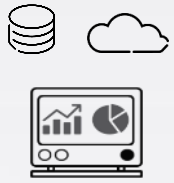
Trendy na trhu



Rostoucí poptávka po výpočetním výkonu na strojích

- Analytika a sběr dat
- Pokročilé a výkonné grafické uživatelské rozhraní pro provoz stroje

Rostoucí využití tenkých klientů v architekturách klient-server

- Snižuje bezpečnostní rizika na úrovni závodu a centralizuje správu software
- Zvyšuje životnost a snižuje náklady na údržbu

Zvyšují se požadavky specifické pro daná odvětví

- Specifické požadavky na funkce a certifikace
- Zakázkově konfigurovatelné produkty podle požadavků konkrétní aplikace

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ASEM

Rockwell Automation

V dubnu 2020 společnost Rockwell Automation získala italský ASEM, S.p.A., předního výrobce průmyslových počítačů a technologií digitální automatizace

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Přínos ASEM

Inovace, Kvalita, Flexibilita, Kontinuita

- **Škálovatelná** nabídka průmyslových počítačů
- Založeno **na otevřených a standardních technologiích**
- **Přímá kontrola a řízení** vývoje hardwaru, softwaru i výroby
- **30%** lidských zdrojů je věnováno **výzkumu a vývoji**
- ISO certifikace

VAŠE VÝHODA

spolehlivý a flexibilní dodavatel hardwaru pro vaše IIoT řešení

- s prvotřídním vývojovým centrem pro průmyslové počítače
- s flexibilním a nákladově efektivním výrobním prostředím

Přehled průmyslových počítačů

Průmyslové počítače, tencí klienti a monitory

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Industrial Computers Portfolio

Former Rockwell Automation products + ASEM products

VersaView® 6300B

Compact, Entry level
Intel ATOM X7
RAM 8GB, 240GB SSD

Book Mount, High Performance
Intel i3, i7
RAM up to 32GB,
Up to 1TB SSD
Expandable

Wall Mount, High Performance
Intel i3, i7
RAM up to 32GB,
Up to 1TB SSD
Expandable

Wall Mount, Advanced Performance
Intel i3, i7
RAM up to 32GB,
Up to 1TB SSD
Expandable

VersaView® 5000

Midrange PCs / Monitors /Thin clients
Intel ATOM Quad Core
RAM 4GB, 128GB SSD
Screen size up to 22”
No customization
31 models

VersaView® 6181P

Advanced Industrial PCs
Intel i3 Dual or i7 Quad Core
RAM up to 16GB, 256GB SSD
Screen size up to 19”
Expandable: PCI
105 models

VersaView® 6181X

Harsh Environment Industrial PCs
Intel i3 Dual
RAM up to 16GB, 128GB SSD
Screen size 12”
Expandable: PCI
1 model

Industrial Computers Portfolio

Former Rockwell Automation products + ASEM products

VersaView® 6300M – Industrial Monitors

VersaView® 6300B

Compact, Entry level
Intel ATOM X7
RAM 8GB, 240GB SSD

Book Mount, High Performance
Intel i3, i7
RAM up to 32GB,
Up to 1TB SSD
Expandable

Wall Mount, High Performance
Intel i3, i7
RAM up to 32GB,
Up to 1TB SSD
Expandable

Wall Mount, Advanced Performance
Intel i3, i7
RAM up to 32GB,
Up to 1TB SSD
Expandable

VersaView® 6300T

VersaView® 6300P

Entry level performance
Celeron
RAM up to 8GB,
SSD up to 128GB

High performance
i3, i7
RAM up to 32GB,
SSD up to 1TB

High performance
IP 65 On Machine Des
Celeron, i3, i7
RAM up to 32GB,
SSD up to 1TB

VersaView® 6181X

Harsh Environment Industrial PCs
Intel i3 Dual
RAM up to 16GB, 128GB SSD
Screen size 12”
Expandable: PCi
1 model

VersaView® 5000

Midrange PCs / Monitors /Thin clients
Intel ATOM Quad Core
RAM 4GB, 128GB SSD
Screen size up to 22”
No customization
31 models

VersaView® 6300T – Thin Clients

VersaView® 6181P

Advanced Industrial PCs
Intel i3 Dual or i7 Quad Core
RAM up to 16GB, 256GB SSD
Screen size up to
Exp
105

RETIRED

During 2021-22

Rockwell Automation

Detaily produktů

VersaView 6300

Select your IIoT hardware for In-cabinet use

Enable the digital ready machine

Entry level performance
Compact Design

6300B, Compact
Atom Class

Intel® Atom® x7-E3950

Upto 8GB RAM

Upto 240GB SSD

High Performance
Optimized cabinet footprint

6300B, Book mount
Core i3/i7 Class

Intel® Core™ i3-7100E

8GB RAM

2 PCIe x4

256GB SSD

Intel® Core™ i7-7820EQ

32GB RAM

2 PCIe x4

1TB SSD

High Performance
Cost optimized design

6300B, Wall mount
Core i3/i7 class

Intel® Core™ i3-7100E

8GB RAM

1 PCIe x4

256GB SSD

Intel® Core™ i7-7820EQ

32GB RAM

1 PCIe x4

1TB SSD

Advanced Performance
Expansion capabilities

6300B, Wall mount
Core i3/i7 Class

Intel® Core™ i3-7101E

8GB RAM

3 PCIe

256GB SSD

Intel® Core™ i7-7700

32GB RAM

3 PCIe

1TB SSD

In Cabinet Computer
In electrical cabinet

Computing solution with storage & networking

Hosting the application

Without need for permanent Graphical user interface (no display)

FANLESS, 24VDC power

With FAN, AC power

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Combine IIoT tasks and HMI in one device (1/1)

Build a cost effective digital ready machine

Entry level performance Panel Mount Design

6300P, Panel Mount Celeron Class

Intel® Dual core Celeron®

- Upto 8GB RAM
- Upto 128GB SSD

Various Touch options

- Resistive Single touch
- PCAP Multi touch

Wide screen or 4:3 displays

High Performance Panel Mount Design

6300P, Panel mount Core i3/i7 Class

Intel® Core™ i3-7100E

- 8GB RAM
- 2 PCIe x4
- 256 Gb SSD

Intel® Core™ i7-7820EQ

- 32GB RAM
- 2 PCIe x4
- 1TB SSD

Various Touch options

Wide screen or 4:3 displays

High Performance IP 65 On Machine Design

6300PA, On-Machine Core i3/i7 class

Intel® Core™ Celeron / i3 / i7

Scalable storage and RAM memory

Customizable Button Area

Versatile mounting options

- ARM
- Pole
- VESA

Various Touch options

- Resistive Single touch
- PCAP Multi touch

Integrated display Computer

All in one device
At the machine

Touch input

Graphical display

Computing solution with storage

hosting the application

FANLESS, 24VDC power

Rockwell Automation

Combine IIoT tasks and HMI in one device (2/2)

Build a cost effective digital ready machine

Industrial Monitor
Panel Mount Design

6300M, Panel mount Industrial Monitor

- **Upto 24” display size**
- **Various Touch options**
- **Wide screen or 4:3 displays**
- **Long distance solution**
- **Panel Mount**

Industrial Monitor
IP 65 On Machine Design

6300MA, On-Machine Industrial Monitor

- **Upto 21” wide screen displays**
- **Various Touch options**
- **Customizable Button Area**
- **Long distance solution**
- **Versatile mounting options** Arm, Pole, Vesa

Industrial Monitor
At the machine

Touch input
Graphical display

Long distance monitor

Traditional connectivity

In cabinet Computer
In the electrical cabinet

Computing solution with storage hosting the application

Entry level performance Compact Design	High Performance Optimized cabinet footprint	High Performance Cost optimized design	Advanced Performance Expansion capabilities
6300B, Compact Atom Class	**6300B, Book mount Core i3/i7 Class**	**6300B, Wall mount Core i3/i7 class**	**6300B, Wall mount Core i3/i7 Class**

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Access IIoT software from the plant floor

Access Analytics outcomes on the plant floor with secure and lean infrastructure

Compact & maintenance free Thin Clients

6300T VESA / Wall / DIN Mount ThinManager Ready

ThinManager Ready

Compact, maintenance free design

Up to 4K video resolution

Complements the 6200T Multi monitor family

Cost effective Panel Thin clients

6300T, Panel Mount ThinManager Ready

ThinManager Ready

Full HD resolution in various sizes

15.6 inch - 24”

Various Touch options

Resistive Single touch

PCAP Multi touch

IP 65 On-Machine Thin Clients

6300TA, On-Machine ThinManager Ready

ThinManager Ready

Customizable Button Area

Versatile mounting options

Arm, Pole, Vesa

Various Touch options

Resistive Single touch

PCAP Multi touch

FANLESS, 24VDC power

Industrial Thin Client
At the machine

Touch input
Graphical display
ThinManager Ready interface
Application GUI / Front end

Standard network infrastructure

Centralized Software
In virtualized server environment

Computing solution with storage hosting the IIoT application

Rockwell Automation

Uvedení na trh

Phased Product release plan

	Phase 1: Aug – Dec 2020	Phase 2: Q1 CY 2021	Phase 3: Q4 CY 2021
Monitors		PANEL MOUNT MONITOR *VersaView 6300M* ON-MACHINE IP 65 REMOTE MONITOR *VersaView 6300MA*	*Additional models & customization options* →
Box PCs	RELEASED *VersaView 6300B*		*Additional models & customization options* →
Panel PCs	*VersaView 6300P*		*Additional models & customization options* → ON-MACHINE IP 65 PC *VersaView 6300PA*
Thin Clients	RELEASED *VersaView 6300T*	PANEL MOUNT THIN CLIENT *VersaView 6300T* →	ON-MACHINE IP 65 THIN CLIENT *VersaView 6300TA*
Remote Connectivity		*Remote Access Solutions*	*Additional models & customization options* →

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Phase 1 Catalog List - expected AFC dates

Box PC

RELEASED

Atom x7-E3950 4GB
Atom x7-E3950 8GB

6300B, Compact style, Book mount, Fanless, Intel Atom x7
6300B-BMADNA-AB8AW19NNNNNN-NN1S
6300B-BMADNA-AC9AW19NNNNNN-NN1S

Core i3-7100E 8GB
Core i7-7820EQ 32GB
Core i7-7820EQ 4GB No OS

6300B, Cabinet style, Book mount, Fanless, Intel Core i3 / i7
6300B-BMBDNH-3CBCW19NNNBNN-NN1S
6300B-BMBDNH-7EDCW19NNNDNN-NN1S
6300B-BMBDNH-7BNCNNNNNNNNN-NN1S

Core i3-7100E 8GB
Core i7-7820EQ 32GB
Core i7-7820EQ 4GB No OS

6300B, Cabinet style, Wall mount, Fanless, Intel Core i3 / i7
6300B-PBCDNB-3CBBW19NNNBNN-NN1S
6300B-PBCDNB-7EDBW19NNNDNN-NN1S
6300B-PBCDNB-7BNBNNNNNNNNN-NN1S

Core i3-7101E 8GB
Core i7-7700 32GB
Core i7-7700 4GB No OS

6300B, Cabinet style, Wall mount, With Fan, Intel Core i3 / i7
6300B-PBDAFK-3CBEW19NNNBNN-NN1S
6300B-PBDAFK-7EDEW19NNNDNN-NN1S
6300B-PBDAFK-7BNENNNNNNNNN-NN1S

11 models

Box Thin Client

RELEASED

6300T, Compact style, Fanless, Book mount, Intel Atom

Atom x7-E3950 4GB
6300T-BAB1DC-ABNNNN-N1S
RELEASED

Accessories

6300V-BDINA (DIN rail mount accessory, VV6300B Compact) TBD
6300V-BWALLA (wall mount accessory, VV6300B Compact) TBD
6300V-DCCONN (DC connector block) TBD

Phase 1 Catalog List - expected AFC dates

Panel PCs, STANDARD 4:3

RELEASED

6300P, Aluminum, 4:3 ratio, single touch, Intel Celeron

Celeron Dual G3900E 8GB	12"	6300P-121FAPSXDNA-CCAAW19NNNANN-NN1S
Celeron Dual G3900E 8GB	15"	6300P-150FAPSXDNA-CCAAW19NNNANN-NN1S
Celeron Dual G3900E 8GB	17"	6300P-170FAPSTDNA-CCAAW19NNNANN-NN1S
Celeron Dual G3900E 8GB	19"	6300P-190FAPSTDNA-CCAAW19NNNANN-NN1S

6300P, Aluminum, 4:3 ratio, single touch, Intel Core i3/i7

Core i3-7100E 8GB	12"	6300P-121BAPSXDNB-3CBBW19NNNBNN-NN1S
Core i3-7100E 8GB	15"	6300P-150BAPSXDNB-3CBBW19NNNBNN-NN1S
Core i3-7100E 8GB	17"	6300P-170BAPSTDNB-3CBBW19NNNBNN-NN1S
Core i3-7100E 8GB	19"	6300P-190BAPSTDNB-3CBBW19NNNBNN-NN1S
Core i7-7820EQ 16GB	12"	6300P-121BAPSXDNB-7DDBW19NNNDNN-NN1S
Core i7-7820EQ 16GB	15"	6300P-150BAPSXDNB-7DDBW19NNNDNN-NN1S
Core i7-7820EQ 16GB	17"	6300P-170BAPSTDNB-7DDBW19NNNDNN-NN1S
Core i7-7820EQ 16GB	19"	6300P-190BAPSTDNB-7DDBW19NNNDNN-NN1S

36 models

Panel PCs, WIDE SCREEN 16:9

RELEASED

6300P, Aluminum, 16:9 ratio, multi touch, Intel Celeron

Celeron Dual G3900E 8GB	15.6"	6300P-156ECPMFDNA-CCAAW19NNNANN-NN1S
Celeron Dual G3900E 8GB	18.5"	6300P-185ECPMFDNA-CCAAW19NNNANN-NN1S
Celeron Dual G3900E 8GB	21.5"	6300P-215ECPMFDNA-CCAAW19NNNANN-NN1S
Celeron Dual G3900E 8GB	24.0"	6300P-240ECPMFDNA-CCAAW19NNNANN-NN1S

6300P, Aluminum, 16:9 ratio, single touch, Intel Core i3/i7

Core i3-7100E 8GB	15.6"	6300P-156AAPSFDNB-3CBBW19NNNBNN-NN1S
Core i3-7100E 8GB	18.5"	6300P-185AAPSFDNB-3CBBW19NNNBNN-NN1S
Core i3-7100E 8GB	21.5"	6300P-215AAPSFDNB-3CBBW19NNNBNN-NN1S
Core i3-7100E 8GB	24.0"	6300P-240AAPSFDNB-3CBBW19NNNBNN-NN1S
Core i7-7820EQ 16GB	15.6"	6300P-156AAPSFDNB-7DDBW19NNNDNN-NN1S
Core i7-7820EQ 16GB	18.5"	6300P-185AAPSFDNB-7DDBW19NNNDNN-NN1S
Core i7-7820EQ 16GB	21.5"	6300P-215AAPSFDNB-7DDBW19NNNDNN-NN1S
Core i7-7820EQ 16GB	24.0"	6300P-240AAPSFDNB-7DDBW19NNNDNN-NN1S
Core i7-7820EQ 32GB	15.6"	6300P-156AAPSFDNB-7EDBW19NNNDNN-NN1S
Core i7-7820EQ 32GB	18.5"	6300P-185AAPSFDNB-7EDBW19NNNDNN-NN1S
Core i7-7820EQ 32GB	21.5"	6300P-215AAPSFDNB-7EDBW19NNNDNN-NN1S
Core i7-7820EQ 32GB	24.0"	6300P-240AAPSFDNB-7EDBW19NNNDNN-NN1S

6300P, Aluminum, 16:9 ratio, multi touch, Intel Core i3/i7

Core i3-7100E 8GB	15.6"	6300P-156ACPMFDNB-3CBBW19NNNBNN-NN1S
Core i3-7100E 8GB	18.5"	6300P-185ACPMFDNB-3CBBW19NNNBNN-NN1S
Core i3-7100E 8GB	21.5"	6300P-215ACPMFDNB-3CBBW19NNNBNN-NN1S
Core i3-7100E 8GB	24.0"	6300P-240ACPMFDNB-3CBBW19NNNBNN-NN1S
Core i7-7820EQ 16GB	15.6"	6300P-156ACPMFDNB-7DDBW19NNNDNN-NN1S
Core i7-7820EQ 16GB	18.5"	6300P-185ACPMFDNB-7DDBW19NNNDNN-NN1S
Core i7-7820EQ 16GB	21.5"	6300P-215ACPMFDNB-7DDBW19NNNDNN-NN1S
Core i7-7820EQ 16GB	24.0"	6300P-240ACPMFDNB-7DDBW19NNNDNN-NN1S

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Phased Product release plan

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Box PCs	RELEASED *VersaView 6300B*	*Additional models & customization options* →	
Panel PCs	 *VersaView 6300P*	*Additional models & customization options* →	ON-MACHINE IP 65 PC *VersaView 6300PA*
Thin Clients	RELEASED *VersaView 6300T*	PANEL MOUNT THIN CLIENT *VersaView 6300T* →	ON-MACHINE IP 65 THIN CLIENT *VersaView 6300TA*
Remote Connectivity	 *Remote Access Solutions*	*Additional models & customization options* →	

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VersaView 6300

Flexibilní nabídka

Duben•2021

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Flexibilní rozšíření nabídky VersaView 6300 až na 2000 variant !!!

Zákazník si může zvolit u produktů: velikost RAM, SSD , displeje, typ CPU, technologii dotykového dipleje, s OS nebo bez.

	Compact 6300B Box PC	6300B Book Mount Box PC	6300B Wall Mount Box PC	6300P Panel PCs Analog Resistive (single touch) and Projected Capacitive (multi touch) 12.1”, 15”, 15.6”W, 17”, 18.5”W, 19”, 21.5”W, 24”W
Processor	Intel Atom	Intel Core i3, i5, i7	Intel Core i3, i5, i7	Intel Celeron and Intel Core i3, i5, and i7
RAM	4GB, 8GB	4GB, 8GB, 16GB, 32GB	4GB, 8GB, 16GB, 32GB	4GB, 8GB, 16GB, 32GB
SSD	None, 32GB, 64GB, 120GB, 240GB, 480GB	None, 128GB, 256GB, 512GB, 1TB	None, 128GB, 256GB, 512GB, 1TB	None, 128GB, 256GB, 512GB, 1TB
Operating System	Win 10 IoT Enterprise LTSC, None	Win 10 IoT Enterprise LTSC, None	Win 10 IoT Enterprise LTSC, None	Win 10 IoT Enterprise LTSC, None
Interactive 3D Models	Link	Link	Link	Link
Number of Configurations (Catalogs)	**~20**	**~125**	**~250**	**~1620**

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Flexibilní rozšíření nabídky VersaView 6300 až na 2000 variant !!!

Zákazník si může zvolit u produktů: velikost RAM, SSD , displeje, typ CPU, technologii dotykového dipleje, s OS nebo bez.

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Processor	Intel Atom	Intel Core i3, **i5**, i7	Intel Core i3, **i5**, i7	Intel Celeron and Intel Core i3, **i5**, and i7
RAM	4GB, 8GB	4GB, 8GB, **16GB**, 32GB	4GB, 8GB, **16GB**, 32GB	**4GB**, 8GB, 16GB, 32GB
SSD	**None**, **32GB, 64GB**, 120GB, 240GB, **480GB**	None, **128GB**, 256GB, **512GB**, 1TB	None, **128GB**, 256GB, **512GB**, 1TB	**None,** 128GB, 256GB, **512GB**, 1TB
Operating System	Win 10 IoT Enterprise LTSC, None	Win 10 IoT Enterprise LTSC, None	Win 10 IoT Enterprise LTSC, None	Win 10 IoT Enterprise LTSC, None
Interactive 3D Models	Link	Link	Link	Link
Number of Configurations (Catalogs)	**~20**	**~125**	**~250**	**~1620**

Rockwell Automation

Flexibilní rozšíření nabídky VersaView 6300 až na 2000 variant !!!

EXAMPLE - Box PC, No Expandable

- Standard offer

- 4 GB RAM, 120 GB

- 8 GB RAM, 240 GB SSD

“Skladem”
Typická dodávka 1 – 5 dnů

2 models (variants)

- Flexible offer

- 4 GB RAM, No SSD, No OS
- 4 GB RAM, 32 GB SSD, No OS
- 4 GB RAM, 60 GB SSD, No OS
- 4 GB RAM, 120 GB SSD, No OS
- 4 GB RAM, 240 GB SSD, No OS
- 4 GB RAM, 480 GB SSD, No OS
- 4 GB RAM, 32 GB SSD, Win 10 OS
- 4 GB RAM, 60 GB SSD, Win 10 OS
- 4 GB RAM, 120 GB SSD, Win 10 OS
- 4 GB RAM, 240 GB SSD, Win 10 OS
- 4 GB RAM, 480 GB SSD, Win 10 OS
- 8 GB RAM, No SSD, No OS
- 8 GB RAM, 32 GB SSD, No OS
- 8 GB RAM, 60 GB SSD, No OS
- 8 GB RAM, 120 GB SSD, No OS
- 8 GB RAM, 240 GB SSD, No OS
- 8 GB RAM, 480 GB SSD, No OS
- 8 GB RAM, 32 GB SSD, Win 10 OS
- 8 GB RAM, 60 GB SSD, Win 10 OS
- 8 GB RAM, 120 GB SSD, Win 10 OS
- 8 GB RAM, 240 GB SSD, Win 10 OS
- 8 GB RAM, 480 GB SSD, Win 10 OS

“Není skladem” (flexibilní)
Kontaktujte distributora pro zjištění dostupnosti
Typická dodávka 4 – 5 týdnů

20 flexible models (variants)

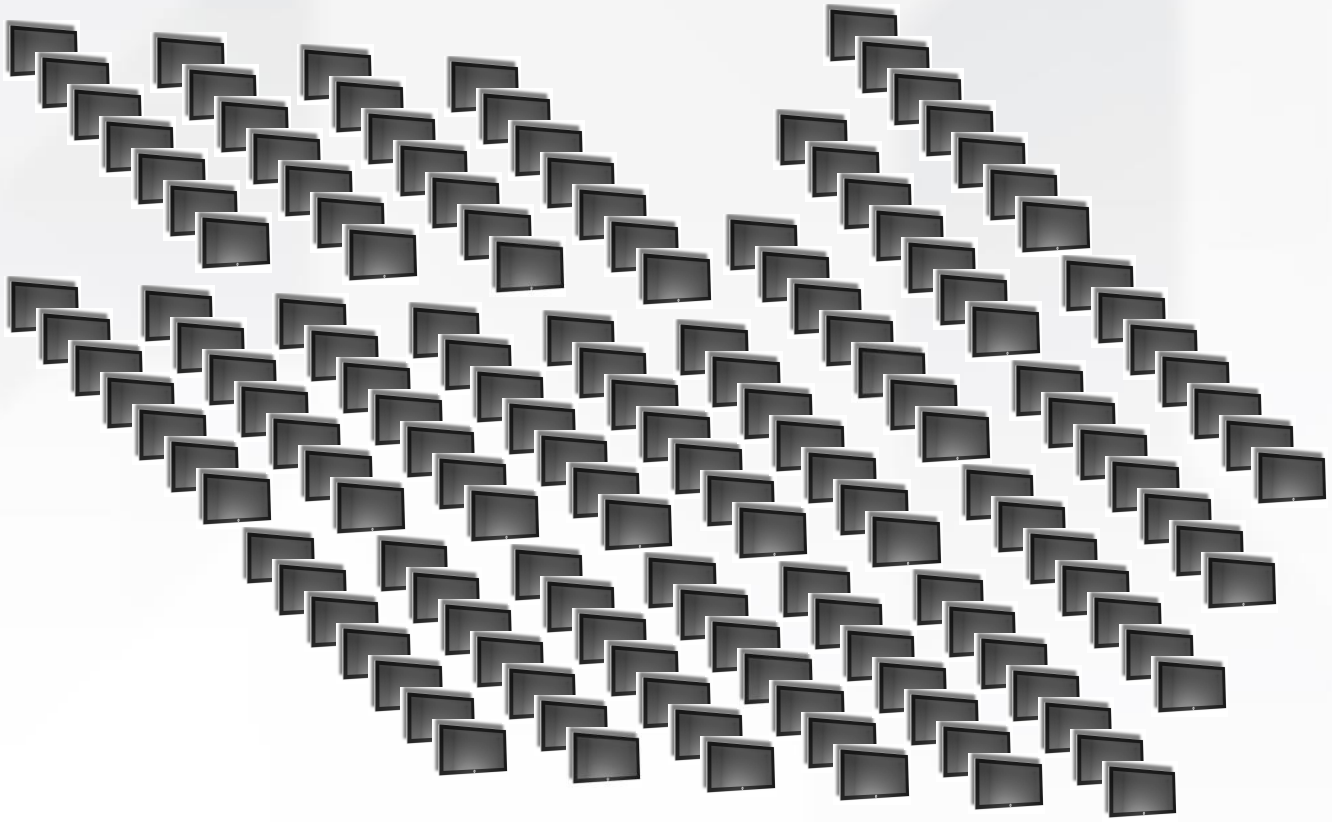
Flexibilní rozšíření nabídky VersaView 6300 až na 2000 variant !!!

EXAMPLE - Panel PCs

- Standard offer

36 models (variants)

- Flexible offer



1620 flexible models (variants)

Dokumentace a podpora

Product profiles / website

Handy Product profiles

VersaView 6300B Box PC and 6300T Box Thin Client

Allen-Bradley by ROCKWELL AUTOMATION

Features and Benefits

Intel Atom Class Box PC and Thin Client

- Intel Apollo Lake Atom processor
- Available with Microsoft® Windows 10 IoT Enterprise 2019 LTSC
- DisplayPort supports up to 4K high resolution
- 2 x Ethernet and 2 x USB 3.0 (Type A) ports
- M.2 SSD up to 256 GB (PC Only)
- 4 GB or 8 GB DDR4 RAM
- Fanless, book mount construction, 24V DC
- 0 to 50°C operating temperature
- ThinManager ready option

Intel Core i Class Box PCs

- Core™ i3 and i7 dual and quad core 7th generation 64 bit processors
- Available with Microsoft Windows 10 IoT Enterprise 2019 LTSC
- No OS version supports Linux
- 4 x Ethernet, 3 x USB 3.0 (Type A), 2 x USB 2.0 (Type A), 1 x RS-232 (DB9M), 1 x DVI-D
- M.2/mSATA and 2.5" SSD up to 1 TB SATA III SSD
- Up to 32 GB DDR4 SODIMM modules
- Up to 3 PCIe expansion slots
- Fanless design with book mount, wall mount or DIN rail construction, 24V DC
- Fan cooled unit with wall or DIN rail construction, 100V/230V AC
- Up to +50°C operating temperature (0°C to +45°C for i7 processors)
- ThinManager Compatible Plus

Intel Atom Class Book Mount Box PC and Thin Client

Intel Core i Class Book Mount Box PC

Intel Core i Class Wall Mount Box PC

Allen-Bradley® VersaView® 6300B Box PCs are available in multiple form factors and processors to match your application. Book mounting units have a fanless design making them optimal for applications requiring low maintenance. The most compact units in this family feature Apollo Lake Atom processors, making them ideal for human machine interface (HMI), IIoT gateway and data logging applications. Atom class units are also available as ThinManager® ready thin clients and are not equipped with an operating system or solid-state drive (SSD).

THINMANAGER A ROCKWELL AUTOMATION TECHNOLOGY

Slightly larger book mount units feature a choice of Core i3 and i7 processors for mid-size applications.

Wall mount units with Core i3 and i7 processors are available in designs with fans or without. Fan-cooled units perform well in challenging environments with elevated temperatures. These PCs may be paired with FactoryTalk® View SE software to provide the optimal HMI interface experience within the Rockwell Automation® Connected Enterprise.

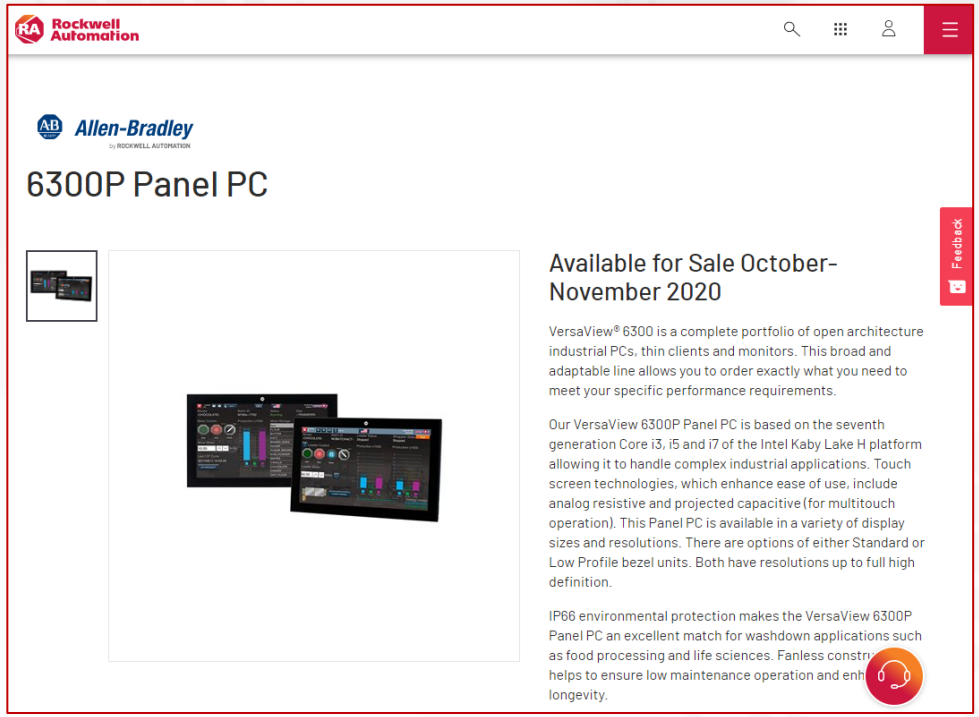
All PCs come standard with the Microsoft Windows 10 IoT Enterprise operating system. Units with an i Class processor are optionally available without an operating system.

Robust mass storage is supplied by a M.2 SSD and has RAM permanently soldered to the motherboard to help prevent issues from shock and vibration.

Atom class book-mount and wall-mount units are also DIN rail mountable.

Rockwell Automation

Preview of upcoming release on public website



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Allen-Bradley by ROCKWELL AUTOMATION

6300P Panel PC

Available for Sale October-November 2020

VersaView® 6300 is a complete portfolio of open architecture industrial PCs, thin clients and monitors. This broad and adaptable line allows you to order exactly what you need to meet your specific performance requirements.

Our VersaView 6300P Panel PC is based on the seventh generation Core i3, i5 and i7 of the Intel Kaby Lake H platform allowing it to handle complex industrial applications. Touch screen technologies, which enhance ease of use, include analog resistive and projected capacitive (for multitouch operation). This Panel PC is available in a variety of display sizes and resolutions. There are options of either Standard or Low Profile bezel units. Both have resolutions up to full high definition.

IP66 environmental protection makes the VersaView 6300P Panel PC an excellent match for washdown applications such as food processing and life sciences. Fanless constr... helps to ensure low maintenance operation and enh... longevity.

Feedback

https://www.rockwellautomation.com/en-gb/products/hardware/allen-bradley/industrial-computers-monitors/industrial-computers/6300p-panel-pc.html

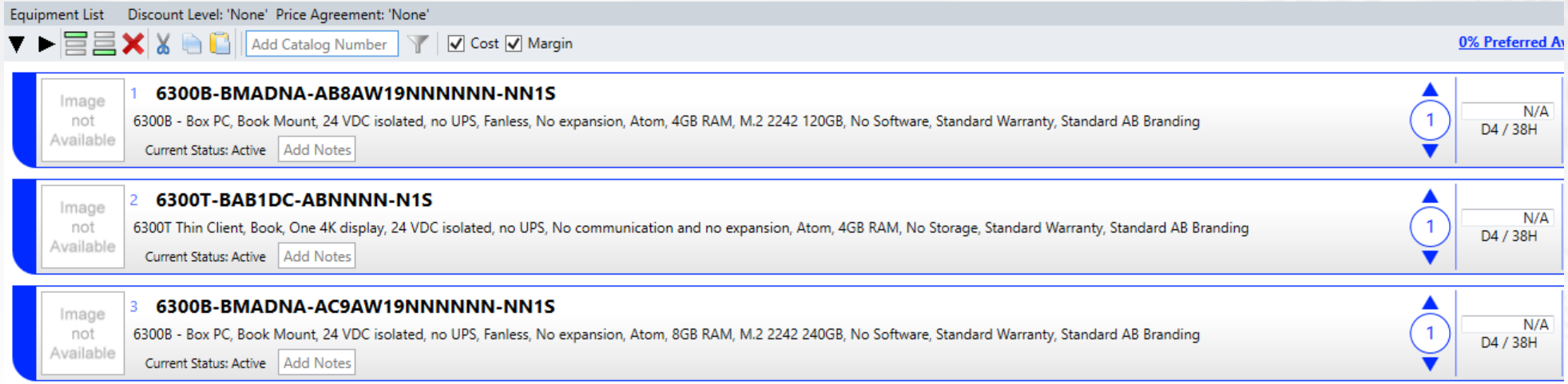
Rockwell Automation

Commercial Tools

ProposalWorks

ProposalWorks :

- Product selection wizard available for released 6300B and 6300T items
- List prices available for released 6300B and 6300T items
- Product documentation available



Flexibilní rozšíření nabídky VersaView 6300 až na 2000 variant !!!

3D modely VersaView 6300

	Compact 6300B Box PC	6300B Book Mount Box PC	6300B Wall Mount Box PC	6300P Panel PCs Analog Resistive (single touch) and Projected Capacitive (multi touch) 12.1”, 15”, 15.6”W, 17”, 18.5”W, 19”, 21.5”W, 24”W
Processor	Intel Atom	Intel Core i3, i5, i7	Intel Core i3, i5, i7	Intel Celeron and Intel Core i3, i5, and i7
RAM	4GB, 8GB	4GB, 8GB, 16GB, 32GB	4GB, 8GB, 16GB, 32GB	4GB, 8GB, 16GB, 32GB
SSD	None, 32GB, 64GB, 120GB, 240GB, 480GB	None, 128GB, 256GB, 512GB, 1TB	None, 128GB, 256GB, 512GB, 1TB	None, 128GB, 256GB, 512GB, 1TB
Operating System	Win 10 IoT Enterprise LTSC, None	Win 10 IoT Enterprise LTSC, None	Win 10 IoT Enterprise LTSC, None	Win 10 IoT Enterprise LTSC, None
Interactive 3D Models	Link	Link	Link	Link
Number of Configurations (Catalogs)	**~20**	**~125**	**~250**	**~1620**

Rockwell Automation

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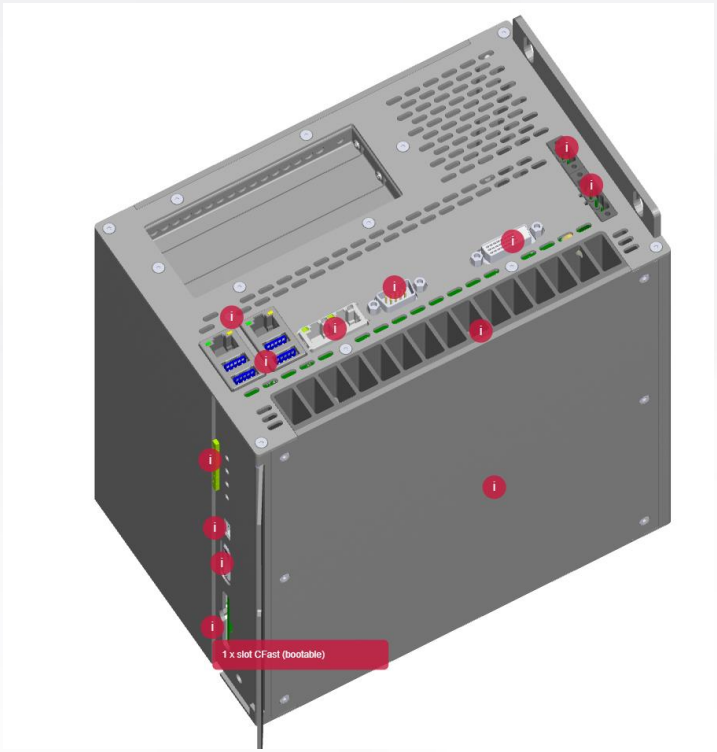
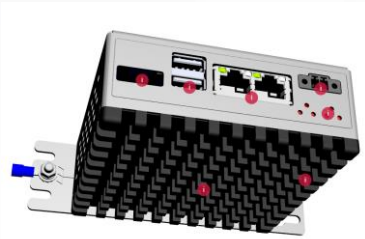


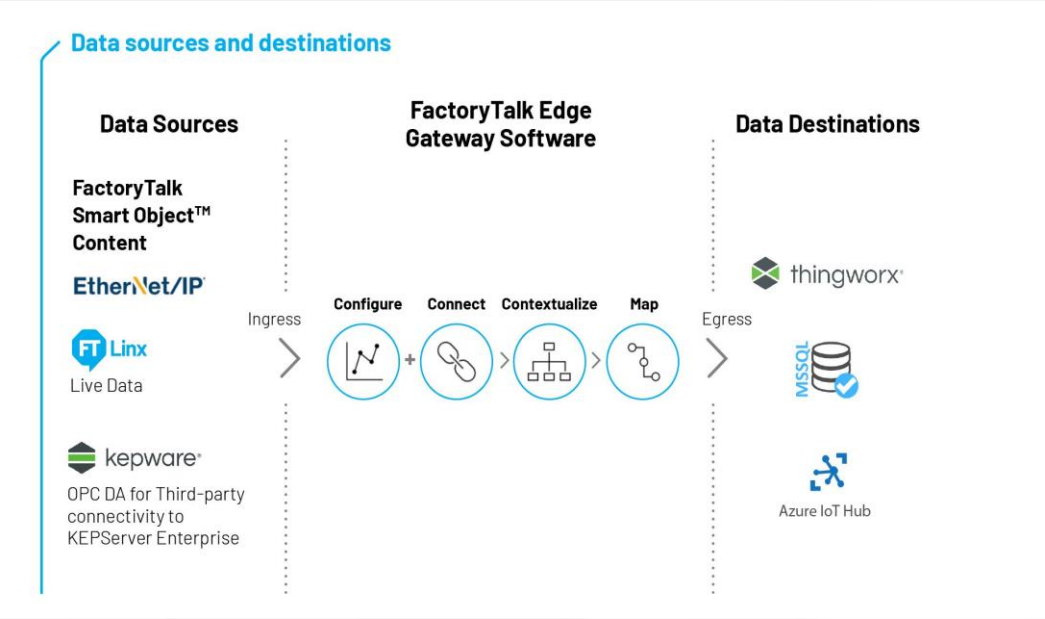


Link

Příklady aplikací

VersaView 6300 & FactoryTalk Edge Gateway

Integration of OT-data and IT-systems has never been easier!



With FactoryTalk Edge Gateway you can create information models at OT level and map these to applications at IT level.

- Simplifies and automates data collection
- Enables IT / OT convergence
- **Data Destinations**
  - Thingworx
  - SQL Server
  - Azure IoT Hub
- **Data Sources**
  - FactoryTalk Smart Object
  - FT Linx
  - OPC-DA (KEPServer, third party)

FactoryTalk Edge Gateway software automatically discovers high-speed, contextualized OT data from controllers and packages it in a logical, common information model that control engineers can configure. This common information model speeds setup for similar assembly lines and can be enriched with third-party data. It can be mapped to on-prem or cloud applications and easily consumed to accelerate IT/OT convergence. FactoryTalk Smart Object content is created by control system designers, and they extend base Logix tags with additional, user-definable, configuration properties. Think of them as metadata that identify specific data points, like energy consumption, asset health, etc. When you configure these properties, you reference operational parameters to tell the software how to collect data with relevance to unique outputs.

VersaView 6300 industrial computers are designed to be much more durable and have higher reliability compared to office grade computers. When it comes to computers in a production facility, it is downtime and maintenance that causes high computer costs. VersaView 6300 computers is designed to withstand harsh industrial environments and will therefore cause fewer problems during its lifetime in comparison with an office grade computer which is more sensitive to temperature fluctuations, moisture and shock / vibrations.

VersaView 6300 In-Cabinet Book Mount Box PC

VersaView 6300 Intel Atom Class Book Mount Box PC is a very compact industrial computer for DIN rail or wall mount. The fact that it is manufactured by a global player that also provides support worldwide makes it even a better choice for customer's

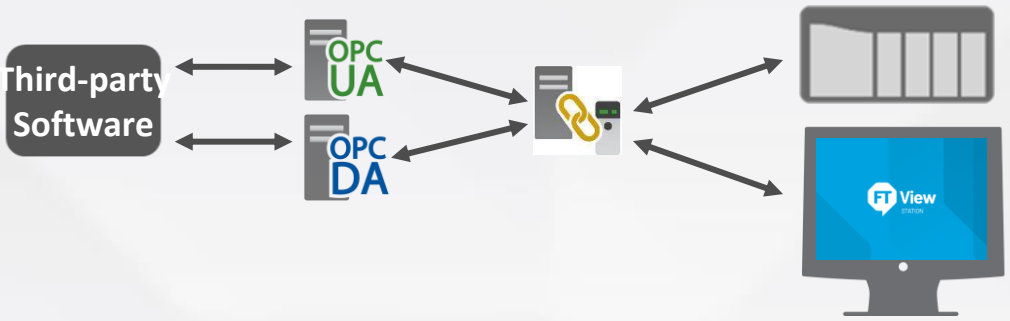
- 1.6 GHz Apollo Lake x7-E3950
- 4 GB or 8 GB RAM
- 2 x Ethernet (10, 100, 1000 Mbps)
- 2 x USB 3.0
- 1 x DisplayPort 4K
- 0-50°C, 24 VDC
- Windows 10 IoT Enterprise 2019
- DIN & Wall mount

VersaView 6300 benefits

- Extremely compact
- High quality
- Robust Fanless design
- Worldwide support
- Competitive price
- Fast delivery from stock

VersaView 6300 & FactoryTalk Linx OPC UA Gateway

Accessing and transporting data is easier than ever before!



With FactoryTalk Linx Gateway you can deliver data from Logix and other Allen Bradley PLC to 3rd party software.

- Connect third-party software using OPC UA and OPC DA.
- Communicates with full range of Allen-Bradley Logix 5000™, PLC-5®, SLC™ 500 and Micro800™ controllers
- Direct communication to Logix5000™ tag-based alarm
- ControlLogix® redundancy support
- Redundant controller shortcuts

FactoryTalk Linx Gateway is an OPC DA and OPC UA Server interface for FactoryTalk Linx to deliver information collected from Logix5000™ and other Allen-Bradley® controllers to external OPC clients, permitting third-party software to coexist with FactoryTalk® software. FactoryTalk Linx Gateway also enables 3rd party software to share data with FactoryTalk View SE software (FactoryTalk Live Data). FactoryTalk Linx Gateway are based on how many tags are being served, and whether or not the data source that connects to the PLC is on the same computer or located on one or more remote computers.

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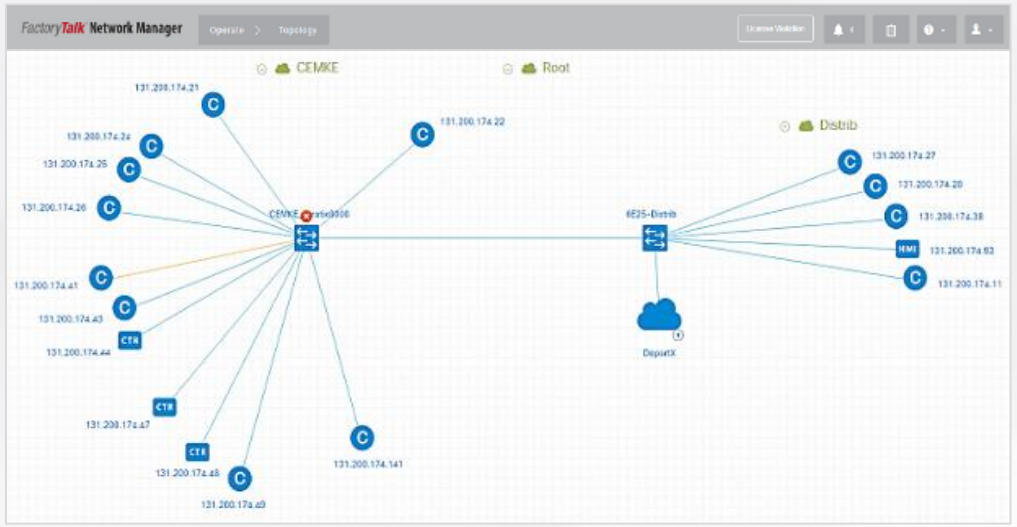
VersaView 6300 & FactoryTalk Network Manager

Get a better view into your Network!



FactoryTalk Network Manager is an easy-to-use, intuitive network management tool for efficient operation and maintenance of Industrial Automation Networks.

- Generates an overall topology and a device-centric view of plant floor assets
- Discovers both network and end devices including devices across a controller backplane
- Network health and monitoring
- Easier deployment, commissioning and maintenance of the network

FactoryTalk Network Manager software helps to achieve increased network visibility, real-time troubleshooting, and simplified configuration and maintenance. Get insight into the performance of your network operations by getting a closer look into your devices connected in your manufacturing environment. Discovery of plant floor assets with multiple management protocols:
• CIP Protocol (EtherNet/IP) • SNMP • Modbus • BACnet • NetBIOS™ • PROFINET • OPC UA

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VersaView 6300 In-Cabinet Wall Mount Box PC

VersaView 6300 Intel i7 Wall Mount Box PC is a powerful industrial computer for wall mount. The fact that it is manufactured by a global player that also provides support worldwide makes it even a better choice for customer's

- Intel Core i7-7820EQ, Quad Core, 3.00 GHz
- 16 GB DDR4 RAM, 256 GB SSD
- 4x Ethernet (10, 100, 1000 Mbps)
- 3 x USB 3.0 and 2 x USB 2.0
- 1 x DVI-D, 1 x RS232, 1 x PCIe x4
- 0-45°C, 24 VDC
- Windows 10 IoT Enterprise 2019
- Wall mount

VersaView 6300 benefits

- High quality
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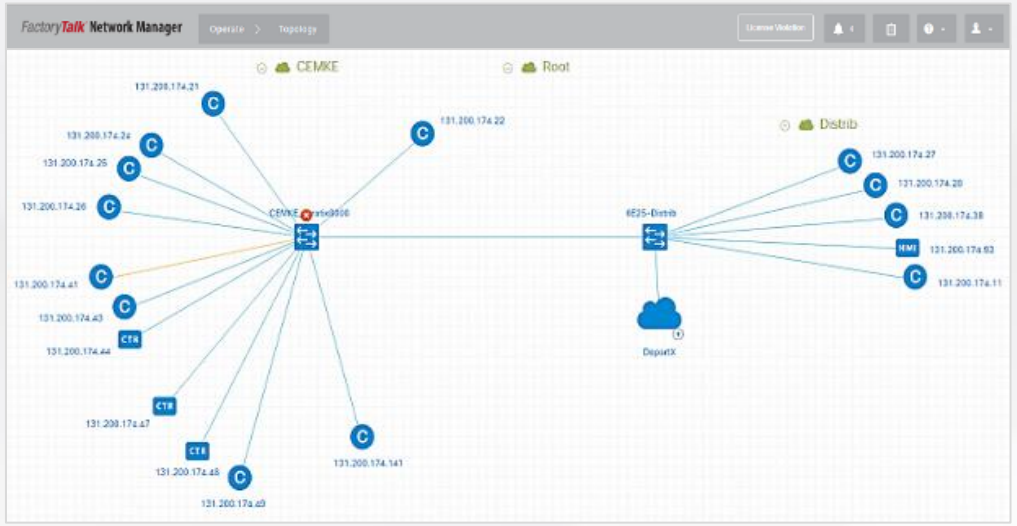
VersaView 6300 & FactoryTalk Network Manager

Get a better view into your Network!



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VersaView 6300 Panel-PC

VersaView 6300 Intel i7 Panel-PC is a powerful industrial computer for panel mount. The fact that it is manufactured by a global player that also provides support worldwide makes it even a better choice for customer's

- 15.6"Aluminum and Glass True Flat Multi-Touch (16:9)
- Intel Core i7-7820EQ, Quad Core, 3.00 GHz
- 16 GB DDR4 RAM, 256 GB SSD
- 4x Ethernet (10, 100, 1000 Mbps)
- 3 x USB 3.0 and 2 x USB 2.0 (both rear)
- 1 x DVI-D, 1 x RS232, 1 x PCIe x4
- 0-45°C, 24 VDC
- Windows 10 IoT Enterprise 2019
- Panel mount

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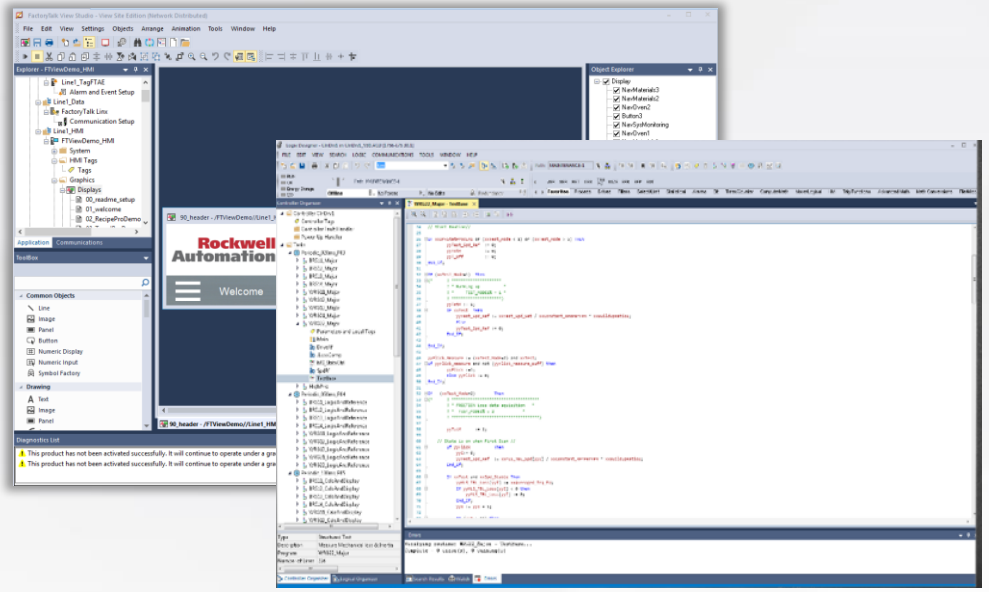
VersaView 6300 & Logix and View Development

Engineering workstation for Logix controllers and FactoryTalk View HMI



Studio 5000 Logix Designer and FactoryTalk Enterprise Studio software are the tools you need when developing and maintaining both Logix and FactoryTalk View HMI applications

Logix Designer

- One programming software for all disciplines - safety, motion, drives, process and discrete

View Enterprise Studio

- One configuration software for all HMI applications – local operator panels, station HMI and distributed HMI/SCADA

Studio 5000 Logix Designer is the one application to configure, program and maintain the entire Allen-Bradley® Logix 5000™ family of controller products and related devices.

FactoryTalk View Studio is the design-time environment for FactoryTalk View that provides the editors and tools you need to develop and test network distributed, network station, and local station human-machine interface (HMI) applications. It contains editors for creating complete applications and contains client and server software for testing the applications you create.

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- 16 GB DDR4 RAM, 256 GB SSD
- 4x Ethernet (10, 100, 1000 Mbps)
- 3 x USB 3.0 and 2 x USB 2.0
- 1 x DVI-D Single Link (max resolution: 1920x1080 Full HD)
- 0-45°C, 24 VDC
- Windows 10 IoT Enterprise 2019
- Wall mount

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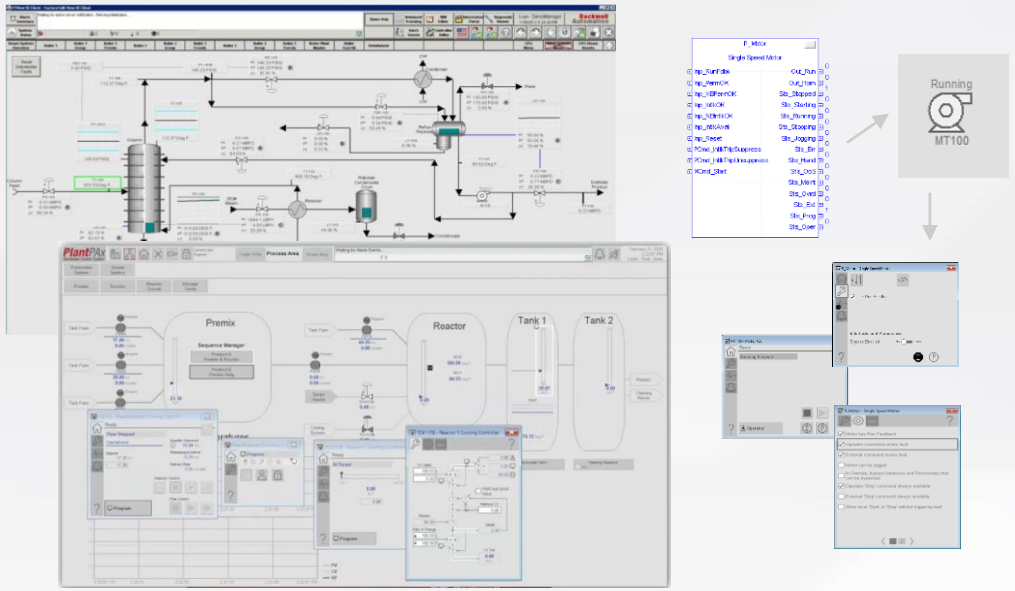
VersaView 6300 & FactoryTalk View SE Station

Advanced Operator workstation for single machine or line-level monitoring !



FactoryTalk View SE Station is a modern HMI software that provides an accurate real-time view of operations, while meeting the demands from operators, maintenance and engineering.

Premier Logix integration

- Referencing Logix controller tags directly from HMI
- Support for Logix controller-based alarms, both Instruction and Tag based
- The Library of Process Objects is a predefined library of controller code (AOIs) and HMI graphics.

6300P Low Profile Panel PC (Front)

6300P Low Profile Panel PC (Back)

FactoryTalk View SE (Site Edition) Station software is a local stand-alone HMI system with premier integration to Logix controllers. Ideally suited for single machine or line-level monitoring, control and data acquisition. FactoryTalk View SE Station can be extended with FactoryTalk ViewPoint that provides for a fully scalable, fully animated, read-and write view of the existing application from a web browser. FactoryTalk View SE Station is configured with FactoryTalk View Studio Enterprise: One configuration software for all HMI applications – local operator panels, station HMI and distributed HMI/SCADA.

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- Panel mount

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Závěr

Nová řada VersaView 6300 je vaší ideální hardwarovou platformou pro IIoT a HMI

- **Škálovatelná** nabídka průmyslových počítačů
- Založeno **na otevřených a standardních technologiích**
- **Přímá kontrola a řízení** vývoje hardwaru, softwaru i výroby
- **30%** lidských zdrojů je věnováno **výzkumu a vývoji**
- ISO certifikace

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Děkuji za pozornost

www.rockwellautomation.com

Rockwell Automation

expanding **human possibility**®